	d Waste D Haz, Waste D		MONTTORING WELL CONSTRUCTION Form 4400-113A Rev. 4-90
	& Repair Underground	Tanks U Other U	
Lacility) tolect mane	Local Grid Location of Well		Well Name
MADISON- KIPP		fr. DE.	NW-/
Facility License, Permit or Monitoring Number	Grid Origin Location		Wis, Unique Well Number : DNR Well Number
	LatLo	YN 0	
			Date Well Installed
	St. Plane ft.	N, ft. E.	01/10/12
Piezometer 12	Section Location of Waste/S	iource	mm dd y v
Distance Well Is From Waste/Source Boundary	NE 1/4 of SW 1/4 of Sec. 5	5.T 7 N.R/A 骨も	Well Installed By: (Person's Name and Firm)
ft.	Location of Well Relative to	Waste/Source	PAUL
Is Well A Point of Enforcement Std. Application?	u 🗍 Upgradient s	☐ Sidegradient	WTO ENVIRONMENTAL DRILLING
☐ Yes ☐ No		☐ Not Known	TO I D ENVIRONMENT PRINCIPLE
		1. Cap and lock	? Yes 🗆 No
A. Protective pipe, top elevation f		2. Protective co	
R Well casing, top elevation	i. MSL	a. Inside diam	
B. Well casing, top elevation	. 1		
C. Land surface elevation	t. MSL	b. Length:	12ft.
	200 200	c. Material:	Steel □ 04
D. Surface seal, bottom ft. MSL or _ s	= <u>0 </u>	ALUMIN ALUMIN	UM - FLUSH MOUNT Other # 20
12. USCS classification of soil near screen:		d. Additional	protection? Yes 🔀 No
GP GM GC GW GSW G	sp m Yill		cribe:
SM SC ML MH CL		H / /	n 30
Bedrock []	1 1	3. Surface seal:	
	. 🔣 🛭		Concrete 🗷 01
13. Sieve analysis attached?	1 2001 10		0-1, SAND 1-2 Other 🗷 💹
14. Drilling method used: Rotary	50 28 8	34. Material bety	veen well casing and protective pipe:
Hollow Stem Auger		₩	Bentonite 🔲 30
Other 🛘		*	Annular space seal 🔲 🎆
	~~~   <b> </b>	AMAZ	
15 Drilline fluid used: Water 🗆 02 Air 🗆	01   88		
		5. Annular spac	E Seat.
Drilling Mud 🗆 03 None 🗷	⁷⁷	bLbs/	gal mud weight Bentonite-sand shurry 🔲 35
	.   🖼 🛭	cLbs/	gal mud weight Bentonite slurry   3 1
16. Drilling additives used?	No   SSS	8 d % B	entonite Bentonite-cement grout 🛛 50
		*	Ft 3 volume added for any of the above
Describe	💹	e	T
17. Source of water (attach analysis);		f. How insta	m.
17.500000 01.11000		*	
			Gravity 🔼 08
			al: a. Bentonite granules 🔲 33
E. Bentonite seal, top ft. MSL or	Z O ft.	b. □1/4 in	a. 🗷 3/8 in. 🗆 1/2 in. Bentonite pellets 🗀 32
E. Belliothic scal, up			Other 🛘
F. Fine sand, top ft. MSL or _ 1	A O fts	7 Fine sand m	aterial: Manufacturer, product name & mesh size
F. Fine sand, top ft. MSL or _ ]	·- · · · / / / // // // // // // // // //	#30 8	ed Flixt
e 3407 1	705		
G. Filter pack, top ft. MSL or _ 1	·- / / / / / / / / / / / / / / / / /		added 350 16s
	<b>∡</b> ∧ .		naterial: Manufacturer, product name and mesh size
H. Screen joint, top ft. MSL or	ユ : 二	2 <u>**70</u>	BADGER MIMNO
, , , , , , , , , , , , , , , , , , ,	12	b. Volume	addied 50 lbs - 113
I. Well bottom ft. MSL or	24 0 ft、	9. Well casing	: Flush threaded PVC schedule 40 23
I. W CII DOUBLIN		XI	Flush threaded PVC schedule 80 🔲 24
6 MCI or 9			Other 🗆 💹
J. Filter pack, bottom ft. MSL or _2			CAN 45 Pule
		<i>a</i>	rial: SCH 40 DVC
K. Borehole, bottom ft. MSL or _	io o u	a. Screen t	
		<b>A</b>	Continuous slot 🔲 01
L. Borehole, diameter 83 in.			Other 🛚 🧱
E. Dolding Carlotte		h. Manufaci	nirer TWCo
M. O.D. well casing 235 in.		c. Slot size	
M. O.D. well casing _238 in.	•	d Slotted l	1 - 1 -
22 27		\	•
N. I.D. well casing 205 in.			terial (below filter pack): None 1 14
	·		Other X WILLIAM
I hereby certify that the information on th	is form is true and cor	rect to the best of my	knowledge.
Signature 11. 1 1000 100	Firm		
All I A MICH. W. L.		DURE MADISON,	WI
10-000- 4 110 march 2101			m as required by chs. 144, 147 and 160, Wis. Stats.,

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats, failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats, failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

·	Rouse to: Solie	a Waste 🗍	Har Waste M	Wester ater E	כ	MONITORING From 4400-111	WELL CONSTRU	v. 4-90
tate of Wisconsin Separament of Natural Resources	Env. Response	e Renair C	Undergrown	d Tanks 🗀 🔾	ma U			
	ETV. KESDOUSE	Local Gnd	Location of We	1)		Well NETE MW	- 2 A	
acibity/Project' Name	Waobeasast				fr BE	Was, Linque Well N	umber DNR Well	שלתשוי
acity License, Permit or Monutor	Dik taminger [				or	M.B. C. Sq. 5	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	<u>z</u> .
		_				Date Wei installed	7,31,9	5
ype of Well Water Table Observ	ation Well [2] 11	St Plane_		1. N	ft. E.		mm' dd' v	Ÿ
Discometer	U 14 1	Section Lo	cation of Weste	Source	この世長	Well Inspired By:	(Person's Name and	رستا)
Distance Well Is From Waste/Source	e Bornery	NE1/4 of	SW 1/4 of Sec.	3,T. 1.N	. K. 10   W.	Badace S	State Drilli	Vd
s Well A Point of Enforcement St	fL d_Application?	u Up	I MET Kelsmas	2 Signals	CE	Valla	McCumbe	~
S Well A Point of Enforcement 3.	s 🗆 No		wngradient	n 🗆 Noi Kr	ודאסו		₩ Yes	
		fi. MSL		<b>-</b>	. Cap and lock	?	<b>A</b>	
A. Protective pipe, top elevation		fi. MSL-			2. Protective co		_	년 ir
B. Well casing, top elevation			. 1		b. Length:	iele.	_	].Qf
a s s surface elevation		fl. MSL ~	< 11 ×		c. Material:		Sreel	<b>©</b> 0
D. Surface seal, bonom	# MSI or	50 il			5. 7.12-21-		Other	
D. Surface seal, bottom					d Additional	קרטובביניה."	□ Y¤	₩ %
12 USCS classification of soil	TAN LI CAN LI	SP 🗆	/ /	11/	If yes, des			_ 19L 3
GP D GM D GC D SM KQ SC D ML D	MH CL D	СН	/III	間 / /	3. Surface seal:		Benonite Concrete	da
Bedrock D			<b>E</b>		J. J.L		Concrete  Other	-
13. Sieve znalysis anached?		No	<u> </u>		4 37	ween well assing znd		<u> </u>
14 Deiling method used:	Rolly 🗆		<b>4</b>	<u> </u>	4. Maichai ber	ACC!! ACT	Bentonite	. 🗆 3
Holic	w Stem Auger 🔟	41	2	***			Armular space seal	
	Oha 🗆	222	***			*	Oher	
The state of the s	□ 02 A± □	01			5. Armular spa	ice seal:	Granulas Bentonite	, <b>[2]</b> 3
15. Drilling fluid used: Water Drilling Mud			翼	**	. 15	deal mud weitht	Bentonde-send shurry	, D 3
					The	leal mud weith!	Benionite slurry	, 12
16. Drilling additives used?	☐ Yes <b>E</b>	(%	-		d	Bentonite	Chouse-comes grow	. <del></del>
	33				f Howins		Trenic	: 🗆
Describe	···ic/·		#		F Hom no	121120:	Tremis pumped	
17. Source of water (anach 2-2)	À272 Y			8			Gravity	•
				麗	6. Benionite :	સ્થો:	2. Bentonite granule	
E Bentonite seal, up	a MSI or	50		2	/ . 11/4	in □3/8 in □1/2	in Bentonite pellet	s 🔲
E Benionite seal, up	12 /432 0	~			c	Bentonik Cl	1.05 Oth∈	r <u>180</u>
F. Fine sand, top	fL MSL or	152	ft.	<b>B</b> /	7. Fine sand:	material: Menufacti D-60 Red	Fliat Sand	1115211 2
F. Phie selft top				3	2 77 9	0-60 KED	los frã	
G. Filter pack, top	ft MSL or	17.3	ft.		b. Volume	marcial: Manufac	<u>ಸ್ವಾದ. ಸಾಂಧಾದ ಸತ್ತರಾಕ ಕ್ಷಾ</u>	nd mesh
	A 148*	14 6	,		8. Filter paci	30 Red F	int Sand	_
H. Screen joint top	ft. MSL or	_ L 1	,,,	-    /	b. Volum	- octor 350	lbs #	/
	fL MSL or	24 0	fi	層	9. Well casi	no: Frush three	ded PVC schedule 4	0 23
I. Well bonom		_				ಗಿಯ ಚಿಕಟ	des PVC schedule 8	= D
J. Filter pack, bonom =	ft. MSL or	29.5	ft.	屋)		Cale	40 PVC	
					>10. Screen m		Factory	- M
K. Borehole, bonom	_ :_ ft. MSL or	_국급.호	r_		a \$दास्य	i û.be:	Continuous si	
L. Borchole, diameter	<u>8</u> <u>3</u> in.		-		b. Manuf	acturer Detri	ch	
· •	a .			/	e. Slot s	ze:		0.01
M. O.D. well casing 2.	<u>3</u> in.		•	\		d length:	A. M.	me 🖾
N. I.D. well casing 2	O in.				11. Backfill:	naterial (below filter)		her 🖸
						la audada a		
I hereby certify that the	information on	this form	n is true and	correct to	the best of	my knowlecce.		
Signature	1 1 . 1		Frm	. 0	U			

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. 5 and ch. NR 141, Wis. Ad. Code. In accordance with ch.144, Wis Stats., failure to file this form may result in a forfeiture of not less than \$10,000 for ea \$55000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin Rome to: Soli	d Wark [] Har Wark	Wastewater D	MONTTORING WELL Ferm 4400-113A	Rev. 4-90
	& Repair D Underground Local Gold Location of We		Well Name	
Facility/Project Name Madism: Kiep Corp Naubeasa St.		化品质	MW-2	
Facility License, Permit of Morutoring Number	Grid Origin Location		Was, Lougue Well Number	DNR Well Number
Pacifity Literate / Transcription	Lar L	ong or		·
Type of Well Water Table Observation Well 11	St. Plane f	L.N ft. E.	Date Well installed 7 /	31/95
Tions—1000	Carrier I postion of Waster	Source	m m Well by Led By: (Person)	d d v v
Distance Well Is From Waste/Source Boundary	NE 1/4 of 5W 1/4 of Sec.	5.T. 7 N. R. 10 8 .	Mell Darren Bir (Leuron	Value and rum)
fi.	Location of Well Relative	io Wasie/Source	Badger State	DEILIVA
Is Well A Point of Enforcement Std. Application?		Sidegradient	Kevin McCon	mber
□ Ys □ №	d 🕱 Downerzdient	n Not Known  1. Cap and lock?		₽ Yes □ No
A. Protective pipe, top elevation	i. MSL	2. Protective cov		
B. Well casing, top elevation	h. MSL	a, Inside diam		_4.2 in.
	ft. MSL	b. Length:		_7.014
C. 1300 SMIRCE Electron		c. Material:		Steel 🖸 04
D. Surface seal, bonom ft_MSL or _	2.0 ft			Other 🗆 🙄
12 USCS classification of soil near screen:	1	d Additional		□ Y≈ □ No
THE SECTION OF THE STATE OF THE	52 명 / 설	If yes, desc	tipe:	Remonite Kil 30
SM D SC D MLD MHD CL U	CH L	3. Surface seal:		Bentonite 13 0 1
Bedrock A	.   💹			Other D
13. Sieve analysis attached? 🗆 Yes 💢		War with the state of the state	een well easing and protectiv	
14. Drilling method used: Rotary	4.	4, 1/12 = 121 0 = 1	celt wes entitle min himsen.	Bentonite 🛛 30
Hollow Stem Auger M		<b>**</b>	Annula	er space scal 🔲 📆
				Other 🗖 🔯
15. Drilling fluid used: Water 0 02 Ar 0	01	5. Amular space	e seal: 2 Grand gal mud weight Bentonia	Benionite 2 33
Drilling Mud 03 None	99	Lbs/	al mud weight Bentonia	esand shurry 🔲 35
		cLbs/	ಣಿ ಮುರೆ ಇದೆಯೇ ಶಿದ್	rough spars.
16. Drilling additives used?	№   ₩	d % B	ביות שלים ביים ביים ביים ביים ביים ביים ביים ב	ement grout D 50
		<u>al 000 ;</u>	JA volume socied for any o	of the above
Describe	011 999 No	3. Surface seal:  4. Material betw  5. Annular space  bLbs/ cLbs/ d% Be c6. How insta  6. Bentonite se  b1/4 in  7. Fine sand m	lled:	Tremie 🔲 01
17. Source of water (anach analysis):		***	110	Gravity 🔲 08
			al: & Bento	. –
201.0	149.	5. Denionie se	. D3/8 in D1/2 in Ben	ionite pellets 1 32
E. Bentonite seal, top ft. MSL or _		Bent	onite Chips	Other 🚨 🚟
F. Fine sand, top ft. MSL or _	26 8 ft.	,7. Fine sand m	aterial: Menufacturer, produ	oct name & mesh size
F. Fine said, top		<b>2 F40-</b>	60 Red Flints	sand ss
G. Filter pack, top fi. MSL or _	37.8 ft	b. Volume a 8. Filter pack a	died _25 lbs _4	
	37.8 ft.		naterial: Manufacturer, prod	nci usus sug mesh si
H. Screen joint, top ft. MSL or _	34.0 tr	<u># 30</u>		and 📰
4 3407 14	1	b. Volume 9. Well casing		schedule 40 🐹 23
I. Well bottom ft. MSL or	99.0 11	9. Well casing	Pinch threaded PVC	
70 IZM 3	1145年 12			Other D 🔊
J. Filter pack, bottom ft. MSL or _	11.2	10. Screen mate	mil: Sch 40 PV	
K. Borehole, bonom ft. MSL or _	445 ft.	a. Screen t		Factory cut 🔀 11
A. Borenote, bottom			C ₀	ntinuous slot 🔲 01
L. Borehole, diameter 83 in.			- 	Other 🛭 🥷
		b. Manufac		'0 010 %
M. O.D. well casing $238$ in.	•	c. Slot size		0.016 ii 2.0 i
	*	d Sloned	-	None 5 14
N. I.D. well casing 206 in.		11. Backful ma	terial (below filter pack):	Other 🗆 🚉
	sin days in tour and a	orient to the heet of m	knowledge	
I hereby certify that the information on t	his form is frue and c		THE WILLIAMS	
Signature Tours	.	nes & Moon	e	
Please complete both sides of this form and return	to the second DSP of	ice listed at the top of this for	m as recourses by shs. 144, 1	47 and 160, Wis. Stats
and ch. NR 141, Wis. Ad. Code. In accordance will \$5000 for each day of violation. In accordance will \$5000 for each day of violation. In accordance will \$5000 for each day of violation.				
South lot each day of violation. In accordance wi	21 14 14 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15			

			MONTORING WELL CONSTRUCTION
State of Wisconsin Resources Royle to: Soli	d Waste D Haz. Waste D Waste	Water Li	Ferra 400-113A Rev. 4-90
Department of Natural Newsbornse	& Repair D Underground Tanks Local Gnd Location of Well		Nete MANN 7
		fi. DE.	MW -3 Lingue Well Number DAR Well Number
Hadison-Kipp Corp. Waubrasa St. Facility License, Permit or Monitoring Number	Grid Origin Location	1 .	Function well summer
	LatLong	or	Wei installed 8,01,95
Type of Well Water Table Observation Well 2011	St. Plane ft. N	п. г.	- 유· - 급· · · · ·
Disposeter	Section Location of Waste/Source	₩ E We	Herry and By: (Person's Name and Firm)
Distance Well Is From Waste/Source Boundary	NE1/4 of SW1/4 of Sec. 5.T.	L N. R. 10 D W. R	adger State Drilling
īL	Location of Well Relative to Was	ie/Source	
Is Well A Point of Enforcement Std. Application?	u □ Upgradient s □ d ☑ Downeradient n □	Not Known	evin Mc Combet 100
		1. Cap and lock:	
		2. Protective cover p	
B. Well casing, top elevation	fi. MSL	a Inside diameter.	_ <u>L</u> . <u>D</u> fi
	fr. MSL	b. Length:	Steel D 0
C. Lend surface elevation	10 ft. To ft.	Allu	minum Oher &
D. Surface seal bonom fr MSL or _		d. Additional pro	
12 USCS classification of soil near screen:	SP D	If yes, describe	Bentonite 🛘 3
GP GM GC GW SW GSM SC GM SC SW G	대리 (발생)	3. Surface seal:	Concrete 55 0
Beckeck []		3.52	Other 🗆 🗒
13 Sieve analysis anached?    Yes	1.%	A Marmial barream	well easing and protective piper
Rotzry C	150	4. Maista be.	שמוסווב ב
Hollow Sign Auger S	41		Armular space seal   Flint Sand Other M
One L		# 30 Re	o Flint Sand Other M
15. Drilling fluid used: War 02 Air I	0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5. Amular space so	2 Grands Bentonite 3 3
15. Drilling Hind itself. Drilling Mud [] 03 None [	99 置置	bLbs/gzl	The state of the s
			mud weight Bentonite slumy [] :
16. Dalling additives used?		d% 500 1	volume added for any of the above
,	SP 01 1 5 0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	f How installs	۸.
Describe		1. 110- 22-	Trans pumped LI
17. Spince of water /american			Gravity 🔯 1
		6. Benionie sezi:	2 Bentonius granules []
E Bentonite seel, top ft. MSL or	1.0 元 圖 圖	b. 1/4 in.	D3.8 in D1/2 in Benunite pellets D
•		/ = =d ====	siale Manufacturer, product name & mesh si
F. Fine send top ft. MSL or	_15.2 ft   图图	# 40·	60 Red Flint Sand
	17 1年	V Valuma não	- 50 lbs - t
G. Filter pack, top ft. MSL or	-11.1	8. Filter pack ma	terial: Mizhufachurar, product name and mesh
ft. MSL or	_19.0 ft	/ a # 30	Ked Flint Sano
H. Screen joint top n. MSL or		b. Volume ac	Frush threaded PVC schedule 40
I. Well bonom ft. MSL or	_29.0 ft _	9. Well casing:	Frush threadst PVC schedule 80
	300		Other D
J. Filter pack, bonom ft. MSL or	- \$0.0 11	10. Screen materi	al: Sch 40 PVC
6. 1461 or		a. Screen 1,77	
K. Borehole, bonom i n. MSL of			Continuous stor [2]
L. Borchole, diameter _8.3 in.		\ <del></del>	A 1.2 1
: Dosciona Carrara		b. Manufactu c. Slot size:	0.01
M. O.D. well casing _2.3 _ in.		d Sloned le	ngth:
	Ř		rial (below filter pack): None Ki
N. I.D. well casing 200 in.			OLE LI
I hereby certify that the information o	this form is true and corre	ect to the best of my	knowledge.
Company 1		W M	
	1 Dames	listed at the top of this form	n as required by chs. 144, 147 and 160, Wis.
Please complete both sides of this form and ret and ch. NR 141. Wis. Ad. Code. In accordance	um to the appropriate DNK office	o file this form may result	n a forfeiture of not less than \$10, nor more to
Please complete both sides of this form and ret and ch. NR 141. Wis. Ad. Code. In accordance \$5000 for each day of violation. In accordance	with ch. 147, Wis. Stats., failure t	o file this form may result	in a fortenee of not make the sent.
and ch. NR 141, Wis. Ad. Code. In accordance \$5000 for each day of violation. In accordance day of violation. NOTE: Shaded areas are for	DNK nee only. See memerious to	* ****** ** **************************	-

State of Wisconsin Department of Natural Resources	Route 10: Se Env. Respon	olid Waste □ Haz. Was se & Repair □ Undergro	te  Wastewa	ater 🗆 🗀 _		MONITORI Form 4400-	NG WELL CONSTR 113A 1	RUCTION Rev. 4-90
Facility/Project Name		Local Grid Location of W			Wel	l Name		
Madison Kipp		ft. 🗆 N		n. □ E. □ W.		1	MW-3D	
Facility License, Permit or Monitoring N	Number	Grid Origin Location			v	is Unique Well Number	DNR Well	l Nionber
Type of Well Water Table Observation		Lat	Long		<u>333</u>	: Well Installed		+-1
Piezometer	■ 12	St. Plane	ft. N,	1	ft. E. Dale	0	$\frac{7}{m} / \frac{2}{d} = \frac{8}{d} / \frac{9}{v}$	
Distance Well Is From Waste/Source Bo	· .	Section Location of Wast NW1/4 of SW 1/4 of Sec.	e/Source 5 T 7 N	JR 10 F	E Well	Installed By: (Person's		
Is Well A Point of Enforcement Std. App		Location of Well Relative			<del>-</del> -	Dave Cruise		
☐ Yes	□ No	u Upgradient d Downgradient	s 🗆 S n 🗆 1	Sidegradien Not Known	nt —	Badger State Drilling		
A. Protective pipe, top elevation	ft.	MSL —		1. Cap	p and lock?		■ Yes □	⊃ No
B. Well casing, top elevation	ft.	MSL			stective cove Inside diam		9	n :
C. Land surface elevation	fi.	MSL		b. 1	Length:		$-\frac{9}{1}$ :	<u>0</u> ft.
D. Surface seal, bottom	fi MSL or	2.0 n	$\  \cdot \ _{\mathcal{A}}$	c. N	Material: Flu	ush mount	Steel E Other	
12. USCS classification of soil near so			1       \	\ d. 7	Additional p	protection?	□ Yes ■	1000
GP GM GC GW GSM SM SC ML ML MH D					ii yes, desci face seal:	ribe:	Bentonite C	7 3 0
Bedrock							Concrete	0 1
13. Sieve analysis attached?   Ye	s <b>=</b> No	,	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	4. Mai	iterial betwe	een well casing and prote	Other E	ننن (
14. Drilling method used:	Rotary 🗆 5	0					Bentonite □	
Hollow Ste	m Auger 🔣 4	1			sand	·	Annular Space Seal C	] <u>(호소</u> ) - (조조)
	Other 🗆 🚾							
15. Drilling fluid used: Water 0 .  Drilling Mud 0 :		1	X   <del>}</del>			ace seal: a. (		
_		,				al mud weight Be al mud weight		
16. Drilling additives used?   Ye	s No	·		d	20 % Ber	ntonite Bent	tonite-cement grout	1 5 0
Describe:		_			How install	_Ft ³ volume added for ar ed:	ny of the above  Tremie	3 O I
17. Source of water (attached analysis)	):						Tremie pumped ■ Gravity□	
		1 1	71 P.I	. 6 Pan	ntonite seal:	_		
						■ 3/8 in. □ 1/2 in.	Bentonite granules ☐ Bentonite pellets	3 2
E. Bentonite seal, top	ft MSL or 4 1	. <u>0</u> ft		. 7 Fina	a cond moto	rial: Manufacturer, prod	Other 🗆	
F. Fine sand, top	ft MSL or 4	5.0 A	<b>3 8</b> /.	/ a	Ohio 40/6	60	uct name & mesh siz	ء <u>تنن</u>
G. Filter pack, top	ftMSI or 4	6 9 6	₹ 🕅 /		Volume add		lbs	
				8. Fille	er pack mat	terial: Manufacturer, pro Ohio 10/20	duct name & mesh si	ize
H. Screen joint, top	ft MSL or 4 8	. <u>8</u> ft	/	b. \	Volume add	led	lbs	
I. Well bottom	ft MSL or 5	3. <u>8</u> fi		9. Well	Il casing:		i PVC schedule 40 🗖 i PVC schedule 80 🗖	
J. Filter pack, bottom	ft MSL or 5 3	. <u>8</u> ft					Other 🗆	
K. Borehole, bottom	ft MSL or <u>5</u> <u>5</u>	. <u>0</u> ft			een materia Screen type	al; PVC sched. 40	Factory cut	
L. Borehole, diameter8 . 3_	in.				N - C		Continuous slot  Other	
M. O.D. well casing $2 \cdot 3 \cdot 8$	in.	~	111	c. S	Manufactur Slot size		0.0 1	<u>0</u> in
N. I.D. well casing <u>2</u> . <u>0</u> <u>5</u>	in.				Slotted leng sckfill mater	gtn: rial (below filler pack):	None 🗀	
l hereby certify that the informati	ion on this fo	orm is true and corre	ct to the best	of my le-	nowledge		Other 🖸	<u> </u>
Cinneture // / / /				от шу кл	now reage	-		
Signature Room. Jants	د ا	Dames	& Moore					

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: shaded areas are for DNR use only. See instruction for more information including where the completed form should be sent.

State of Wisconsin Route to: S Department of Natural Resources Env. Respon	olid Waste  Haz. Waste se & Repair  Undergrou	e 🗆 Wastewater 🗓	¥0	MONITORING WELL	CONSTRUCTIO
Facility/Project Name	Local Grid Location of W			Form 4400-113A	Rev. 4-9
Madison Kipp	ft. 🖸 N.	A D E	Well Name		
Facility License, Permit or Monitoring Number	□ S.	□ W.		MW-3D	
r active is consistent of reconstraint Number	Grid Origin Location		SWA Unique		0508020855
Type of Well Water Table Observation Well 11	Lat. St. Plane	Long.	,		
Piezometer 12	St. Flatte	_ IL N,	TE Date Mell Tusta	<u>0 4 / 0</u>	2 (0 1
Distance Well Is From Waste/Source Boundary				m m d	d v v
	Section Location of Waste	/Source	M P Well Installed D	y: (Person's Name and	Firm)
Is Well A Point of Enforcement Std. Application?	NWI/4 of SW 1/4 of Sec.	, 1. / N, R10	□ W Kevin Mo		
	Location of Well Relative	s D Sidegradie		Cumber	
	u Upgradient d Downgradient	n 🗆 Not Know	Badger St	ate Drilling	
A. Protective pipe, top elevationfl.		1. C	an and lock?		
B. Well casing, top elevation fl.		2 Pm	otective cover pipe:		Yes No
		a.	Inside diameter:		9.0 in.
***************************************	MSL	b.	Length:		1 .0 n.
D. Surface seal, bottom ft MSL or	1.0.1 ( )	一段一。	Length: Material: Flush mount		Steel 🖩 0 4
12. USCS classification of soil near screen:		d	CANADAM DIGICATION		OtherD Residence
GP GM GC GW SW SP SM SC ML MH CL CH		1 13	If yes, describe:		LICS IN NO
Bedrock	- I	3. Su	rface seal:	E	Bentonite 3 0
	1 2			(	Concrete 🔳 0 1
13. Sieve analysis attached?   Yes No	· [	4. M	aterial between well cas	ing and protective pipe	Other S.S.
14. Drilling method used: Rotary # 5	6   6			E	Bentonite□ 3 0
Hollow Stem Auger 4	1 2	. 18		Annular St	nace Seal   1/2/2
Other Other	<u> </u>	1 A	lentonite/sand mix		Other Ext
15. Drilling fluid used: Water [] 0 2 Air [] 0	MSL 1 .0 ft	d. 3. Su 4. Mi 4. Mi 5. b. c. d. e. f. 7. Fin a. b.			
Drilling Mud □ 0 3 None □ 9	9	5.	Annular space seal:	a. Granular Be	entonite 🛛 3 3
16. Drilling additives used?  Yes		l R	100 Lbs/gal mud wei	ght Bentonite-san	id slurry 🗆 3 5
16. Drilling additives used? Yes	)   X	d.	% Bentonite	Bentonite-ceme	ent grount El S O
Describe:	🖔	. 6	Ft ³ volume How installed:	e added for any of the a	bove
17. Source of water (attached analysis):		1 B "	riow installed:	Teamie	Tremie 0 1 pumped 0 2
17. Source of water (attached analysis):		ğ		r reime	Gravity□ 0 8
	🖔	6. Ber	ntonite seal;		•
	8	Я / ь.	□ 1/4 in. ■ 3/8 in.	I 1/2 in Rentonit	granules□ 3 3
E. Bentonite seal, top ft MSL or 2 3	0.4	C_	_PDS CO, Eldorado, A	Arkansas _(700 lbs)	Other C:
T 100	·-"\	7. Fin	e sand material: Manua	facturer, product name é	t mesh size
F. Fine sand, top ft MSL or 7_1	<u>0</u> .1	8// :-	O1110 40/00		
G. Filter pack, top ft MSL or 7 3		PEZ /		50 lbs	
		8. File a b.	ter pack material: Manu	ufacturer, product name	& mesh size
H. Screen joint, top ft MSL or 7 6	. <u>0</u> n		Volume added		52654
7 W. H				100	
I. Well bottom ft MSL or 8 1	<u>0</u> ft	9. Wc	ll casing: F	lush threaded PVC sche	dule40 2 3
J. Filter pack, bottom ft MSL or 8 1	0.			lush threaded PVC sche	dule 80 L 2 4 _Other □ □
		10 50	reen material: PVC se	shed 40	
K. Borehole, bottom ft MSL or 8 2	.0 ft		Screen type:		
			and of the	Continu	ory cut # 1 1 ous slot 0 1
L. Borehole, diameter 1 0 . 0 in.		///	Manufact		_Other D
M. O.D. well casing 2.38 in.	<b>V</b>		ManufacturerSlot size		
N. I.D. well casing 2 . 0 5 in.			Slotted length:		0. <u>0 1 0</u> in, 5.0 ft.
N. I.D. well casing $\underline{2} \cdot \underline{0} \cdot \underline{5}$ in.	•	11. Ba	ackfill material (below f	iller nack)	None□ 1 4
			sandstone sluff	poor,	Other A
I hereby certify that the information on this fo	rm is true and correct	to the best of my k	nowledge		
Signature // /	Riem		80.		
Exoup autr	URS Con	Thousmon			

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Department of Natural Resources	tershed/Wastewater	Waste Management	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madison-Kipp	Local Grid Location of We		Well Name MW3D3	
Facility License, Permit or Monitoring Number	Local Grid Origin	Longor	Wis. Unique Well Number	DNR Well Number
Facility ID 113125320	-	_ft.N,ft.E	Date Well Installed 07/13/2012	
Type of Well Well Code/	NW1/4 of SW 1/4 of Sec	<u>5 T. 7 N,R 10 □ W.</u>	Well Installed by: Name (first	, last) and Firm
Distance from Waste/ Sourceft. Enf. Stds. Apply □	Location of Well Relative  Upgradinet  Downgradient	☐ Sidegradient	Todd Schmalfeldt Boart Longyear	
A. Protective pipe, top elevation <u>867.61</u>		1. Cap and lo		☑ Yes 🔲 No
B. Well casing, top elevation 867.35	1 1—	2. Protective a.Inside d		8 in.
C. Land surface elevation 867.61	ft.MSL	b. Length:		ft.
D. Surface seal, bottom <u>866.61</u> ft MSL or <u>1</u>	tt.	c. Material		Steel 🛛 04 Other 🗖
	SP CH CH CH	If yes, de	nal protection? escribe:	Yes No
13. Sieve analysis attached? ☐ Yes ☑ 1	40	3. Surface sea	d•	entonite
14. Drilling method used: Rotary Hollow Stem Auger Other	A A A A A A A A A A A A A A A A A A A	4. Material be	tween well casing and protec B Annular sp	tive pipe: entonite 🛛 30
15. Drilling fluid used: Water □ 02 Air □ 0 Drilling Mud 図 03 None □ 9			ce seal: a. Granular/Chipped B gal mud weightBentonite-sa	
16. Drilling additives used? ☐ Yes ☐		c Lbs/ d5 % Be	gal mud weightBentoni entoniteBentonite-ceme	te-slurry
Describe	—	e Ft ³ vo f. How installe	olume added for any of the ab	
17. Source of Water (attached analysis if required):  City of Madison		i. How installe		Tremie □ 01 pumped 図 02 Gravitv □ 08
	100 6	6. Bentonite se	eal; a. Granular B	entonite 🔲 33
E. Bentonite seal, top <u>677.61</u> ft. MSL or <u>1</u>	<b>N</b>	1331		e pellets 🗵 3 2 — Other 🗖
F. Fine sand, top <u>662.61</u> ft. MSL or <u>2</u>	205 ft.	7. Fine sand Mat	erial: Manufacturer, product name Il Industrial Quartz Sand	
G. Filter pack, top <u>660.61</u> ft. MSL or <u>2</u>	05 ft.	b. Volume ad		e and much size
H. Screen joint, top 653.61 ft. MSL or 2	114_ft.	a. <u>Red Fli</u>	nt #40	
I. Well bottom <u>643.61</u> ft. MSL or <u>2</u>	24_ft.	b. Volume add 9. Well casing:	Flush threaded PVC sch	
J. Filter pack, bottom <u>641.61</u> ft. MSL or <u>2</u>	24_ft. 26_ft.		Flush threaded PVC sch	Other □
K. Borehole bottom 630.61 ft. MSL or 23	37_ft.	10. Screen mate a. Screen ty	pe: Fa	actory cut 🗖 11
L. Borehole diameter6.0in.				uous slot 🔟 0 1 — Other 🔲
M. O.D. well casing <u>2.375</u> in.		b. Manufactu c. Slot size:		in.
N. I.D. well casing 1.939 in.			ngth: rial (below filter pack): ids Grout	10ft. None
I hereby certify that the information on this form is true a		<del></del>		
Signature		IS Jefferson Street Jkee, WI (414) 276-7742		

State of Wisconsin Department of Natural Resources Env. Response	s Weed Die Weed & Rose Die Geberr	0 Wasses	MENTIORING W Firm #400-115A	TELL CONSTRUCT
Facility/stoject Name	Like One Likeben in V	1.1	MENTE	
Madison King Coop	B	1. D E.	MW-	41
Family License Permit of Monitoring Number	Gnd Ongin Location		na. thage hell humb	
	a:	Long		ם האא אנים
* (1)'-11 11' T-11 Or 11' 11' 11'			Date in the samples of	
	St Plant	h. N h. Er	C	6105196
Durance Well is from Waste Source Soundary	Section Location of Was		73 1	3 0 0 V V
fi.	1/4 of 1/4 of Sec	:TN. R🖁 🖏	الله الله الله الله الله الله الله الله	
Is Well A Point of Enforcement Std. Application?	ישנוש או שובים ומו המעצמע	to Waste Source	Kevin	Mc Ca
Dys D%	v D Uppreim d D Downerdim	2 D Sidepation	Kurdaer Sto	ate Drillin
	. MSL	1. Czp zać lock?	1 2/2007 370	B la D
3. Well easing top elevation	MSL 12M	2 Protective cov	* *	
C. Land surface elevation	MSL	h. Length:		-9.(
		a Marrial		-4.
D. Surface seal bottom fi MSL or	2年(華麗田)	NEEDE L. MEEDE	2	Steel S
12 USCS classification of soil near screen:				Ohe D
		L Additional ;		D Ye K
3M D 3C D M D M D C D C		Ryes descr	::::::::::::::::::::::::::::::::::::::	
Beinet 🕱		3. Surface seal		ತಿರಾಜಾಜ D
13. Sieve malysis anached? 🖸 Ye 💢				Concret 🖾
34. Drilling method used: Rouny 🗍 5				Obs D
Hollow Stem Auge IX 4		E 4. Marcial perme	ದ ಇಲ್ಲಿ ಯನ್ನು ಕಾರೆ ನಾಡಿದ	ive pipe
Ohe D				🗷 عائدىنى 🗷
			Arm	जुद्ध धेनक क्ला 🗋
15. Drilling finid med: When D 02 At D 0		5. Armile space:  b. Lbs/gi  c. Lbs/gi  d. 5. 3 mm  e. 750 /h. 5  l. How installer  b. D1/4 in 1  7. Fire sand, mater  h. d. Armile space:  A		Ohe D
Delling Mind D 03 None 25 9	, 를	5. Amule space :		الا عنصماد عن
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16 Drilling additive med . D Ye QN		□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	ಹಿದ್ದೇ ವೈಟ್ಟಿ ಶಿವ	ال وحداد بانجاد
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F. Fine send top fit MSL or32		置 /		Other [D :
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G. Files pack top ft_MSL or _3 4	/ () 4		er Minning	
	·····/ / / / / / / / / / / / / / / / /	h. Volume ación		3
H. Screen joins top h. MSL or _S	Con Is		The Marketter pod	ಶದ ಸರ್ಜಾ ಶಾಕೆ ನಾಯ್ಕ
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			Fresh threaded PVC	35060216 40 D
J. Filter pack: bostom fil MSL or _51			المراجع المستحدث المستحدث المستحدث	ತಲಾದಬೇ 80 🔘 🗆
			:	Ohe D
K. Burchole bosters ft MSL or _5/	Cas 📗	) D. Street material		
		r generyjan		Factory out 🗷 🗦
L Boreholt, diemoir Sylvania			Co	וסוג צוסטרבונה
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I hereby certify that the information on this t	nim is this and re-	CP1 10 10 1		Ohe D
Signature /// / // //	Iram K	red to the pest of my kn	DWELLE.	
_ Kist LL 1/1 A	1 1	Ames & Mer	•	
Please complete head and a first of the	1	1111C 2 / 1cx	<u>}</u> _c	

Please complete both sides of this form and return to the appropriate DNR office fisited at the top of this form as required by this 144, 147 and 160. Wis. Standed, NR 141, Wis. Ad. Code. In accordance with this 24, Wis Sinu. failure to file this form may result in a furfacture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with th. 147, Wis. Statu. failure to file this form may result in a furfacture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more than 147, which is a function of not more than \$10,000 for each day of violation.

Department of Natural Resources Env. Response	lid Ware D. Res. Ware D Wyerk & Repair D Understand Tank S	= D 3 0	CONTICRING WELL CONSTRUCTS AND ASS.	
בובינין (דיסופרו ביים ביים ביים ביים ביים ביים ביים ביי	Juneal Cine Exercises in Well	in a	Nere As	
Martison King Crip		A B 🖫	M:U-4	
Facility License, Permit or Monitoring Number	Gnd Ongin Location	h 3	Conquencii Number - DNR Weil No	
Type of Well Water Table Observation Well [] 11	Lat Long	=		
,	St. Plane 5. N	. E	27: Estables 06:106:196	
Distance Well is From Waste/Source Boundary	Section Location of Waste/Source	n=	কল টেট তত্	
fi.	1/4 of1/2 of SecT	_ N. K [] W. L	Errom & Syn (Person's Name and Fo	
Is Well A Point of Enforcement Std. Application?	Location of Well Relative to Warter	- סעיבנ	- MAIN	-
	d Downerstient n D No	Kansa	Sadoca State Pall	13
	f. MSL	1. Czp znó lock?	D %= D	-:
B. Well cering top cirration	* MSI TO FO	ر Protestive cover بر Laside Especies	<del>, 9</del> .	1
C. Land surface elevation	A. MSL	b. Length:	. y	
D. Surface seal bodom ft MSL or	1.01.	g c Marrieli	Steel R	
12 USCS classification of soil near screens		T d. Addisonal more	Ohe D	
	SP D	Myss describer		:
	CH ㅁㅣ  /扪 [] / / /	,	Scientie D	
Seize A		3. Surfere seeb	Contain A	
13. Sieve malyris amelica? Die Bi		\	Obe D	
14. Dalling method used: Rosay D		4. Marrial between v	مرا ساتا سا كالمحراء كيام	•
Hollow Stem Auger 🔯 Other 🖸			لَارِ عَانِينَا عَلَيْنَا عَلَيْنَا عَلَيْنَا عَلَيْنَا عَلَيْنَا عَلَيْنَا عَلَيْنَا عَلَيْنَا عَلَيْنَا عَلَ	
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15. Delling finde mach Water [] 02 Ab []	0: 2		Ohe D	:
Drilling Mind D 03 Name 19	99		: L'Ormir Sminis D et estat Sminis sont shory M	
			ಜ - ಪ್ರಚ	, .
16. Drilling additive used? . D Yes D?		d % Beneni	=Serenie-eener geer D	
Describe			refune added for any of the above	0.00
17. Source of water (americ analysis):		1 Hewinsalled:	Tranit D	ŧ
			المنابعة المستادة الم	΄ €
			Gazniny 🖸	(-
E Demander seek top AL MSL or	10 %	6. Benienite seat:	D winzg winang s D wilog winang si NA D 18	3
		/ 5. LD 1/4 LL 943.		¥.
F. Fine send top ft MSL or _ (		7. Fine sand majorials	Manufacture, product name & mesh	z:
G. Filter pack top ft. MSL or	3.0th \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	b. Volume added	The state of the s	=
	3.0t		್ತಿ ಸಿದ್ದಬ್ರೆಟ್ಲಾರ, ಕ್ರಾಂಡುವ ಸರ್ಜಾ ಜಾಕೆ ನಾಟ	នវ៉ា .
H. Screen joint up ft. MSL or _ G		2 Ked	1 nt #33	80.1
1. Well bottom ft MSL or	70 O to	5. Volume added_ 9. Well easing:	175 15: 25 From threaded PVC schedule 40 80	
,		7. · · · · · · · · · · · · · · · · · · ·	Fresh threadett PVC schedule 80 D	
J. Filter pack, bonom fil MSL or _ 1	71.0 :- 1.0		Ohe D	:
Y Santata san		`10. S⊂=== ನಾಕೀನ್ <b>ತಿ</b> :_	tic Sch40	- 1
K. Borehole, bonom ft. MSL or _ Z	2.D n	೯ ಶಿವಣಾಶಿವೀ:	يقا بالم المعالمة الم	1
L Borchole, Eigneie			Ceminuous slot	(
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N. I.D. well excits	•	11. ඔබේරම් සහස්ථු (5	cicy files pack): None JB.	
I hatabu ramilia sheesaha ini	do-		0)= D	- 1
I hereby certify that the information on this Signature	form is true and correct to the	te best of my know	viette.	
Kil Hall I	Dainie	5 M.		
Please complete both sides of this form and return to	the appropriate DNR office based as a	100 01 100 100	CP (**  100 to the 144, 141 and 160, Wis. 1	<u>5:2</u>
and th. NR 141, Wis. Ad. Code. In accordance with a 55000 for each day of violation. In accordance with a day of violation. In accordance with a day of violation.	chit—, wis 50000 taken to the ver the 147. Wis. State, faller to file this	form may result in a for form may result in a fer	form and the second sec	

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State of Wisconsin Department of Natural Resources	Route to S Env. Respon	olid Waste □ Haz, Was se & Repair □ Undergro	ste 🗆 Waste ound Tanks 🗆	water 🗆 🗎 Other 🗎 _		MONITORIN Form 4400-11	G WELL CONSTI	RUCTIO Rev. 4-9
Facility/Project Name		Local Grid Location of V			Well Nam	ne		
Madison Kipp		ft. DN.		_n. D E.		M	W-4D2	
Facility License, Permit or Monitoring 1		Grid Origin Location				ique Well Number	DNR Wel	i Nimobe
Type of Well Water Table Observation Piezometer	n Well □ 11 ■ 12	LatSt. Plane	ft. N,	f	t. E. Date Well		7 / 2 8 / 9 m d d v	
Distance Well Is From Waste/Source Bo	undary	Section Location of Wast NW/4 of SW 1/4 of Sec.	te/Source	N. R. 10	E Well Insta	lied By: (Person's N		V
Is Well A Point of Enforcement Std. Ap	□ No	Location of Well Relativ	e to Waste/So	ource I Sidegradient	Dave	Cruise	<u> </u>	
		d Downgradient	n 🗆			er State Diffiting		
A. Protective pipe, top elevation					and lock? ective cover pip	e.	■ Yes [	□No
	n			a. Ir	iside diameter:	<b></b>	$-\frac{9}{1}$ .	0_in,
D. Surface seal, bottom	ft.	1403-0403-0		b. L	ength: faterial: Flush m		Steel D	<u>0</u> ft. □ 0 4
12. USCS classification of soil near so		0.0 n		ر ا ع	Flush m	iount	Other	
GP □ GM □ GC □ GW □	SW 🗆 SP						□ Yes ■	No
SM □ SC □ ML □ MH □ Bedrock ■	Cr □ CH			3. Surfi	ace seal:		Bentonite Concrete	0 1
13. Sieve analysis attached?   □ Ye	s <b>E</b> No	s		4. Mat	erial between w	ell casing and protect	Other [	<u>ىنىدا</u> ل
Hollow Ster	Rotary ■ 5 m Auger ■ 4 _ Other □ ⊡	0		_	sand	A	Bentonite ☐ nnular Space Seal ☐ Other ■	
15. Drilling fluid used: Water □ 0 Drilling Mud □ 0 16. Drilling additives used? □ Ye Describe: □ 17. Source of water (attached analysis)	2 Air ■ 0 3 None □ 9	1 9		b c d e	Lbs/gal mu 20 % Bentonite	al: a. Gr d weight Ben d weight Bento c Bento olume added for any	Bentonite slurry Enite-cement grout	3 3 5 3 3 1 1 5 0
	· · · · · · · · · · · · · · · · · · ·				onite seal:	a. B 3/8 in. 🛭 1/2 in.	entonite granules  Bentonite pellets	3 2
E. Bentonite seal, top		2. <u>5</u> ft		7. Fine	sand material: 1	Manufacturer, produ	<del></del>	
F. Fine sand, top		5 . <del>5</del> ft			Ohio 40/60 olume added	20	Ibs	2000
G. Filter pack, top		2. <u>3</u> ft		8. Filter	r pack material:	Manufacturer, produ	ıct name & mesh si	
H. Screen joint, top f	1 MSL or <u>9</u> 1	. <u>5</u> ft		b. V	olume added	70720	lbs	12.13
I. Well bottom				9. Well	casing:		PVC schedule 40 ■ PVC schedule 80 □	2 4
J. Filter pack, bottom	R MSL or 9 8	. <u>0</u> ft		10 Som	en material: P	VC sched 40	Other 🗆	
K. Borehole, bottom	ft MSL or 9 8	. <u>0</u> ft	7777		creen type:	V C SCHOOL 40	Factory cut	
L. Borehole, diameter8 . 3	in.			,			Continuous slot  Other	
M. O.D. well casing $2 \cdot 3 \cdot 8$	in.	~	110	c. S	fanufacturer lot size		0.01	<u>0</u> in.
N. I.D. well casing <u>2</u> . <u>0</u> <u>5</u>	in.				lotted length: kfill material (bo	elow filler pack):	<u>5</u> None [] Other []	
l hereby certify that the informati	on on this fo	rm is true and corre	ct to the be	st of my kno	owledge.		Oute D	المنتخد
Signature Robert . Paret	4		& Moore					
DI I I I I I							<u> </u>	

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: shaded areas are for DNR use only. See instruction for more information including where the completed form should be sent.

State of Wisconsin  Department of Natural Resources  Route to: S.  Env. Resoon	olid Waste 🗆 Haz. Waste 🗅 se & Repair 🗀 Underground	Wastewater  Transport	MONITORING WELL CONST	RUCTION
Facility/Project Name		TanksLI Other []	Form 4400-113A	Rev. 4-90
	Local Grid Location of Well ft. El N.	A 17 E	Well Name	
Madison Kipp	□ S.	□ w.	MW-5S	
Facility License, Permit or Monitoring Number	Grid Origin Location		Wis: Unique Weil Number DNR Wa	
Type of Well Water Table Observation Well 11	Lat. St. Planef	Long.	Date Well Installed	
Piczometer 12	Dr. 1 tank	. н, п. Е	0 4 / 0 4 / 0 m m d d d y	1
Distance Well Is From Waste/Source Boundary	Seed - Year Control of the		m m d d y	у .
,	Section Location of Waste/So NW1/4 of SW 1/4 of Sec. 5	T 7 N P 10 F1 W	Well Installed By: (Person's Name and Firm)	,
Is Well A Point of Enforcement Std. Application?	Location of Well Relative to	Waste/Source	Kevin McCumber	
□ Yes □ No	u 🛘 Upgradient	s 🗖 Sidegradient	Poder Gree Pinn	
	d Downgradient		Badger State Drilling	
A. Protective pipe, top elevation ft.	MSL	1. Cap and	lock? ■ Yes	□ No
B. Well casing, top elevationft	MSL '		words pape.	
C. Land surface elevation ft.	MSL			. 0 in.
D. Surface seal, bottom ft MSL or	100	c. Mater		0 4
12. USCS classification of soil near screen:		d. Addit	ional protection? Tyes	
GP GM GC G GW G SW G SP		If yes	, describe:	■ No
SM SC ML MH CL CH		3. Surface s	seal: Bentonite	□ 3 O
Dealock	8		Concrete	
13. Sieve analysis attached? ☐ Yes ■ N	•   2	4. Material	between well casing and protective pipe:	233
14. Drilling method used: Rotary ■ 5		0.0	Bentonite	
Hollow Stem Auger # 4	i S	B	Annular Space Seal	
Other	교   🖇	8	Othe	1000
15. Drilling fluid used: Water □ 0 2 Air ■ 0				
Drilling Mud □ 0 3 None □ 9	9	b. Ann	ılar space seal:  a. Granular Bentonite Lbs/gal mud weight Bentonite-sand slurry	33
16. Drilling additives used?	8	C	Lbs/gal mud weight Bentonite shurry	T 3 1
	°	4	% Bentonite Bentonite-cement grout	<b>5</b> 0
Describe:	💢	f. How	Ft ³ volume added for any of the above installed: Tremie	<b>-</b>
17. Source of water (attached analysis):			Tremie pumped	
( )		8	Gravity	08
	8	6. Bentonit	e seal: a. Bentonite granules	□ 33
3		6. PD:	1/4 in. ■ 3/8 in. □ 1/2 in. Bentonite pellets SCO, Eldorado, Arkansas (650 lbs) Other	3 2
E. Bentonite scal, top ft MSL or ft	1 . 0 ft	d. Addit if yes  3. Surface s  4. Material  5. Annu b		
F. Fine sand, topft MSL or 3	0.0 ft.	a, Ohi	i material: Manufacturer, product name & mesh s o 40/60	ize
		b. Volum	ne added 50 lbs	
G. Filter pack, top ft MSL or 3 2	2.0 ft	8. Filter pas	ck material: Manufacturer, product name & mesh	size
H. Screen joint, top ft MSL or 3 4	13	8. Filter pace a. b. Volum	Ohio #5	2002
		H / 0 W-11		
I. Well bottom ft MSL or 4	On	9. Well casi	rig: Flush threaded PVC schedule 40 l Flush threaded PVC schedule 80 l	
J. Filter pack, bottom ft MSL or 4_4	1.0 n		Other	
		10. Screen r	naterial: PVC sched, 40	65865
K. Borehole, bottom ft MSL or 4	1.0 ft	a. Scree		11
L. Borehole, diameter8 . 0_ in.			Continuous sloti	01
		b. Manu	ifacturer Monoflex Others	888
M. O.D. well casing 2.38 in.		c. Slot s	V. <u></u>	1 0 in.
N. I.D. well casing <u>2</u> . <u>0</u> <u>5</u> in.				0.0 A
		II. Dackili		1 4
I hereby certify that the information on this for	orm is true and correct to	the best of my knowl	edge	الفتندي
Simplified Of A	Ciema		narea.	
Signature Coul - puta	URS Corp	oration		

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Department of Natural Resources  Route to: S Env. Respon	iolid Waste Haz. Was	te 🗆 Wastewater 🗅	MONITORING	WELL CONSTRUCT	TION
Facility/Project Name	nsc & Repair   Undergro		Form 4400-113A		. 4-90
Madison Kipp	Local Grid Location of V	<b>АП</b> Б	Well Name		-
	□ S.	□ W.		V-5D	•
Facility License, Permit or Monitoring Number	Grid Origin Location		STATE COLORS VALUE OF THE STATE	********	ಾಂಧಾರ್
Type of Well Water Table Observation Well 11	Lat.	Long	E Date Well Installed		
Piezometer 212	St. Plane	ft. N,ft.	E Date Well Installed	(0 3 (0 1)	
Distance Well Is From Waste/Source Boundary			0 4 m m	$\frac{\sqrt{0}}{d} \frac{3}{d} \frac{\sqrt{0}}{v} \frac{1}{v}$	
Distance wents From waster Soutice Edundary	Section Location of Wast	e/Source E	Well Installed Day (December 2)	e and Firm)	•
Is Well A Point of Enforcement Std. Application?	Location of Well Relative	3 , I. / N, R10	W Kevin McCumber		
☐ Yes ☐ No	u C Upgradient	s D Sidegradient			
To the state of th	u 🖸 Upgradient d 🗗 Downgradient	n 🗆 Not Known	Badger State Drilling		
A. Protective pipe, top elevation fi		al Con or	nd lock?	Yes D No	
B. Well casing, top elevation fi		2. Protect	tive cover pipe:	I ES LI NO	3
C. Land surface elevation		a. Insi	de diameter:	8_0 in	in.
		b. Len	gth: erial: Flush mount	1.5 A	Ł.
D. Surface seal, bottom ft MSL or	1.0 A		Flush mount	Steel 1 0 Other	
12. USCS classification of soil near screen:  GP  GM  GC  GW  GW  SW  SP		d. Add	THOTHE DIORCHORY		
SM C SC C ML C MH C CL CH		3. Surface	es, describe:		
Bedrock			s scar:	Bentonite 3 3 Concrete 0	
13. Sieve analysis attached?   Yes		8 8		Other C	
	·	4. Materi	al between well casing and protective	pipe:	
14. Drilling method used: Rotary ■ 5 Hollow Stem Auger ■ 4	0	50 lbs	fine sand, 500 lbs bentonite Annu	Bentonite 3	0
Other	<u> </u>	chips		Other	333
	n e 2	8 8	48 ₍₄		
15. Drilling fluid used: Water 0 2 Air 0 0 Drilling Mud 0 0 3 None 0 9	1	5. An	nular space seal: a. Gran	ular Bentonite 🛛 3	3
	·	b	Lbs/gal mud weight Renton	ite.cond.clurer [7 2	
16. Drilling additives used? ☐ Yes ■ N	0	d d	Lbs/gal mud weight. B. Bentonite. Bentonite	entonite slurry 3	1
Describe:			Ft ³ volume added for any or	the above	U
	17	f. Hov	v installed:	Tremie 🛘 0	
17. Source of water (attached analysis):		150	lbs bentonite, 140 gais water	remie pumped □ 0 Gravity□ 0	2
		6. Benton	ita conte	-	
		5 / b. o	1/4 in. 3/8 in. 17 1/2 in Re	onite granules 3	2
E. Bentonite seal, top ft MSL or 5	7 N A D	2 / Q_Pi	DSCO, Eldorado, Arkansas (650 lb	s) Other <b>_</b>	
T. P.	1 .0 ft  1 .0 ft  2 .0 ft  1 .0 ft	d. Add If y  3. Surface  4. Materi  50 lbs chips  5. An  b d e f. Hou  150  6. Benton b 7. Fine sa aOi b. Voli	nd material: Manufacturer, product a	ame & mesh size	
F. Fine sand, top ft MSL or 7	1 0 ft		110 40/60		323
G. Filter pack, top ft MSL or 7 3	3.0 ft			OS .	
		8. Filter p a b. Voli	ack material: Manufacturer, product Ohio #5		
H. Screen joint, top ft MSL or 7 5	n_0.	b. Voli	ime added 150	ibs 2	11.1
I. Well bottom ft MSI or 8		9. Well ca	sing: Elect de la 1700		_
I. Well bottom ft MSL or 8 (	on	F		C schedule 40 ■ 2 : C schedule 80 □ 2 :	3
J. Filter pack, bottom ft MSL or 8 0	0 n			Other	
		10. Screen	material: PVC sched, 40		324
K. Borchole, bottom ft MSL or 8 2	_ <u>0</u> ft		en type:	Factory cut 🗆 1	<u></u>
L. Borehole, diameter 1 0, 0 in.			C	ontinuous slot	1
			nufacturer Monoflex	Other 🖸 🖸	<u> </u>
M. O.D. well casing 2 3 8 in.		c. Slot	size	0.010	in.
N. LD. well casing <u>2.05</u> in.		1	ted length:	5.0	ft.
		` 11. Backfi	ll material (below filler pack):	None□ 1 4	
Thereby certify that the information on this Co		44.41.4.4.	sluff	Other 🔳 📴	2. s
I hereby certify that the information on this fo	ALLI IS True and Correc	t to the best of my know	/ledge.		
Signature Koful - Journa	Firm URS Co	orporation			

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	olid Waste  Haz. Waste  ue & Repair  Underground T	Wastewater  Other	MONITORIN Form 4400-11	IG WELL CONSTRUC	CTION v. 4-90
Department of the same	Local Grid Location of Well	ans D VIII LI	Well Name		
>	ft. 🗆 N.	ft. 🔲 E.		IW-5D2	
Madison Kipp	□ s.	□ w.	1		()##******
Facility License, Permit or Monitoring Number	Grid Origin Location	oma	Wis Unique Well Number P F 0	8	
Type of Well Water Table Observation Well 11	Lat. L St. Plane ft.	N, ft. E.	Date Well Installed	2 / 1 1 / 0 3	
Piezometer ■12			m	2 / 1 1 / 0 3 m d d y y	
Distance Well Is From Waste/Source Boundary	Section Location of Waste/Sou	irce <b>E</b>	Well Installed By: (Person's I	Name and Firm)	
*	NW1/4 of SW 1/4 of Sec. 5		Jim Rich		
Is Well A Point of Enforcement Std. Application?	Location of Well Relative to V		P. 1. G. 1. P. 111		
Die Die	u Dupgradient d Downgradient	n 🗆 Not Known	Badger State Drilling		
A. Protective pipe, top elevation ft.	MSL - I	1. Cap and	l lock?	■Yes □1	No
	14.1		ve cover pipe:	9.0	i :
B. Well casing, top elevationft. C. Land surface elevation ft.		a. Insid	e diameter: th:	$-\frac{1}{0}$	_ fl.
	11717111A06001	c. Mate	rial: Flush mount	Steel MOOTHER CONTROL	
D. Surface seal, bottom ft MSL or	= -	d. Add	tional protection?	☐ Yes ■	No
12. USCS classification of soil near screen:  GP □ GM □ GC □ GW □ SW □ SP		If ye	s, describe:		
SM SC MIL MH CL CH		3. Surface	seal:	Bentonite Concrete	
Bedrock -		<b>I</b> \		Other 🗆	
13. Sieve analysis attached?   Yes	io	d. Addi If ye 3. Surface  4. Materia  5. Am b. c. d. e. Si f. Ho 12 A aa 6. Bentor b. E c. B 7. Fine si a. O b. Vol	l between well casing and prote	ective pipe: Bentonite D	3.0
14. Drilling method used: Rotary = 5	0	8 .	and-Ohio #5	Annular Space Seal	5888
Hollow Stem Auger 44 HSA to 40; Air to 110; Mud to 171.3 Other	1 8	<u> </u>	urd-Ollo #3	Other III	200
HSA to 40; Air to 110; Mod to 171.5 Other		8			
15. Drilling fluid used: Water 0 0 2 Air 10 0 Drilling Mud 0 3 None 0	11	5. Am	nular space seal: a Lbs/gal mud weight B	Granular Bentonite	3 3
Drilling Mud ■ 0 3 None □ 9	′'   📓		_ Lbs/gal mud weight	Bentonite slurry	3 1
16. Drilling additives used? Yes	40	d	_% Bentonite Ben to belowFt ³ volume added		5 0
Describe: Gold Seal Aqua Gel Bentonite		f. Ho	v installed:	Tremie 🗀	
17. Source of water (attached analysis):	1 3	12 A	! bags Portland Cement/2 bags quagel grout mix/240 gals wate	Tremie pumped  Gravity	
		ar 6. Bentor	d 150 lbs. bentonite	Bentonite granules	
City of Stoughton Municipal Water Supply	I 🛭	b. E	11/4 in. 3/8 in. 11/2 in.	Bentonite pellets	3 2
3		c. <u>B</u>	lack Hill Bentonite 100 lbs.	Other 🛚	<u> </u>
E. Bentonite seal, top ft MSL or _1	5 3 2 ft	7. Fine sa	nd material: Manufacturer, pro hio 40/60	duct name & mesh size	
F. Fine sand, top ft MSL or _1	58.4n	a b. Vol	ume added 40	lbs	<u> </u>
G. Filter pack, top ft MSL or _1	6 0 5 ft	R Filter	pack material: Manufacturer, pr		ize
		3	Unio #5		3888
H. Screen joint, top ft MSL or _1	65.8 ft	b. Vo	lume added 125	lbs	
I. Well bottom ft MSL or 1	7080	9. Well o		ed PVC schedule 40	
No.		<b>ૹ</b> ૢૢૢૢૢૢ	Fiusa unead	led PVC schedule 80  Other	
J. Filter pack, bottom ft MSL or 1	71.3 ft	華	n material: Sch. 80 PVC		2000
AMSI on 1	7 1 3 0		reen type:	Factory cut	
K. Borehole, bottom ft MSL or 1		///\	57	Continuous slot	
L. Borehole, diameter4 . 0 in.		b. M	anufacturer Diedrich	Other []	1
M. O.D. well casing $\frac{2}{3} \cdot \frac{3}{8}$ in.	-	c. Sl	ot size		1 0 ii
			otted length:		5.0 f
N. I.D. well casing <u>1</u> . <u>9</u> <u>4</u> in.		11. Bacı	cfill material (below filler pack)	: None Mone Mone	
	. S is tops and somest	to the best of my low	vuledne		
I hereby certify that the information on this	1-1		, m10020.		
Signature 17	Firm URS Co	rporation			

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State of Wisconsin Department of Natural Resources		tershed/Wastewater	₫	ment []	MONITORING WEI Form 4400-113A	LL CONST	RUC	7/98
Facility/Project Name		Local Grid Location of	Well	. D.E.	Well Name			
Madison-Kipp	4 5 4 M I	ft.	J S	ft. 🔒 🤃	MW5D3			
Facility License, Permit or N	Monitoring Number	Local Grid Origin Lat.	Long		Wis. Unique Well Number	DNR	Well	Numbe
Facility ID		St. Plane	-		Date Well Installed			
113125320		Section Location of W			07/12/2012			
Type of Well	ulic i '	NW1/4 of SW 1/4 of	sec 5. T 7 N	p 10 ⊠ E.	Well Installed by: Name (first	t. last) and	Firr	n
	/ell Code/	Location of Well Relati	ve to Waste/Source	<u> </u>	Todd Schmalfeldt	-		
Distance from Waste/ Sourceft.	Enf. Stds. Apply	<ul><li>□ Upgradinet</li><li>□ Downgradient</li></ul>		gradient Knowe	Boart Longyear			
A. Protective pipe, top eleva		ft.MSL	\	1. Cap and lo	ck?	☑ Yes	$\overline{\Box}$	No.
B. Well casing, top elevation	871.89	ft.MSL		2. Protective	cover pipe:		_	
C. Land surface elevation	872.34	i	HI	a. Inside di		-	<u>8</u> 1	_in.
		\		b. Length: c. Material		Steel	XI.	04
D. Surface seal, bottom87	7 1.34   ft MSL or1	<u>ft.</u> 📆 .		c.iviateriai	· 	Other	_	
12. USCS classification of s		_ 5525 ·	1	d. Addition	al protection?	☐ Yes	X	No
GP GM GC GC SM SM SC G ML GC		SP CH		If yes, de	escribe:	<del></del> -	_	
Bedrock 🖾				3. Surface sea		Bentonite		
13. Sieve analysis attached	? □ Yes 🗵 l	Vo 🖁		o. ourrace sea	1.	Concrete		
14. Drilling method used:	Rotary 🛛	50		4 Material het	tween well casing and protec	Other		
-	ollow Stem Auger	1 125		4. Material Dei		entonite	X	30
	Other 🗆		8 88		Annular s	pace seal	_	
15. Drilling fluid used: Wat	ter 🗆 02 Air 🗖 (	n 1		12		Other		
	lud 🛛 03 None 🔲 9	MOR			ce seal: a. Granular/Chipped E gal mud weightBentonite-s			
16. Drilling additives used?	? □ Yes ☒	No 🖁			gal mud weightbentonite-s gal mud weightBenton			
			<b>3 1883</b> 6	d. <u>5</u> % Be	ntoniteBentonite-ceme	ent grout		
Describe					olume added for any of the al		_	
17. Source of Water (attached	analysis if required):		1 🔉 '	. How installed		Tremie pumped		
					neme	Gravity		
	1.24		.6	. Bentonite se	al: a. Granular B	Sentonite		33
E. Bentonite seal, top <u>67</u>	1.34 ft. MSL or	201_ft.		b. □1/4 in.	<b>⊠</b> 3/8 in. □1/2 in. bentoni			
F. Fine sand, top 65	6.34 ft. MSL or	216 ft.		C. ———		Other		
			7	a. <u>Filter Si</u>	erial: Manufacturer, product nam <mark>  Industrial Quartz Sand</mark>	e and mesn	; size	
G. Filter pack, top <u>65</u>	4.34 ft. MSL or2	<u>!18_</u> ft.		b. Volume ad				
H. Screen joint, top 64	7.34 ft. MSL or2	216 ft. 218 ft.		3. Filter pack ma a. <u>Red Fli</u>	terial: Manufacturer, product nan	ne and mes	h siz	:e
The Serectify of the Control of the	<u> </u>			b. Volume add	250 !!			
I. Well bottom 63	<u>7.34                                    </u>	35_ft.		. Well casing:	Flush threaded PVC sch	nedule 40		23
62	524 4 40 2	27 6	9	-	Flush threaded PVC scl			
J. Filter pack, bottom <u>63</u>	<u>5.34</u> ft. MSL or <u>2</u>	37 n.		. Screen mate	rial: Stainless Steel	Other		
K. Borehole bottom63	3.34 ft. MSL or23	39_ft.		a. Screen typ		actory cut	п	11
						nuous slot		
L. Borehole diameter6	5.0 in.			-		Other		
M. O.D. well casing 2.	.375_ in.			<ul><li>b. Manufactu</li><li>c. Slot size:</li></ul>	irer <u>Johnson</u>		110	) I in
otorinen cosnig				d. Slotted len	igth:			_ in. _ ft.
N. I.D. well casing1.9	939 in.		`11	. Backfill mate	rial (below filter pack):	None		14
				High Soli	ds Grout	Othe	ľΧ	
I hereby certify that the inform	nation on this form is true a							
Signature	•		ADIS N. Jefferson Street					
_ ~ ~			vaukee, WI (414) 2					

	olid Waste  Haz. Waste  se & Repair  Underground T	Wastewater  Other  O	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 4-90
Department of Natural Resources Env. Respon Facility/Project Name	Local Grid Location of Well		Well Name
Madison Kipp	ft. □N	ft. 🗆 E.	MW-6
Facility License, Permit or Monitoring Number		□ W.	Wis. Limpur Well Number  DNR Well Number
	Grid Origin Location  Lat L  St. Plane ft.	ong	P # 0 7 7 7  Date Well Installed
Type of Well Water Table Observation Well ■ 11 Piezometer □ 12	St. Planeft.	N,	0 2 / 0 4 / 0 3 m m d d y y
Distance Well Is From Waste/Source Boundary	Section Location of Waste/Sou	rce EE	m m d d y y  Well Installed By: (Person's Name and Firm)
Distance Well Sciolin WasterSource Doubles,	NW1/4 of SW 1/4 of Sec. 5 ,	T. 7 N, R.10 DW	Kevin McCumber
Is Well A Point of Enforcement Std. Application?	Location of Well Relative to V	/aste/Source s ☐ Sidegradient	
F 162 - 140	d Downgradient	n D Not Known	Badger State Drilling
A. Protective pipe, top elevationft	. MSL	1. Cap and	
B. Well casing, top elevation ft			re cover pipe: e diameter: 9.0 in.
C. Land surface elevation fi		b. Leng	th:1
D. Surface seal, bottom ft MSL or	1.5 ft \	c. Mater	rial: Steel <b>30 4</b> Flush mount Other <b>30 500</b>
12. USCS classification of soil near screen:			tional protection?
GP GM GC GW SW SF SM SC ML MH CL C		3 Surface	
Bedrock III			Concrete 0 1
13. Sieve analysis attached?   Yes	io 🖁	4. Materia	Other D Other D
_		8	Bentonite□ 3 0
Hollow Stem Auger	ii	SaSa	nd-Ohio #5 Other M
Other []			
15. Drilling fluid used: Water	0 1	5. Ann	ular space seal: a. Granular Bentonite 📕 3 3
Drilling Mud 🔲 0 3 None 🖿	"   📓	S	Lbs/gal mud weight Bentonite-sand slurry \( \Pi \) 3 5  Lbs/gal mud weight Bentonite slurry \( \Pi \) 3 1
16. Drilling additives used?	No B	d	% Bentonite Bentonite-cement grout 5 0 bs. Ft3 volume added for any of the above
Describe:	🛭	f. How	installed: Tremie 0 1
17. Source of water (attached analysis):			Tremie pumped <b>2</b> 0 2 Gravity 0 8
17. Double of Water (assessing analysis)		6. Bentoni	
		b. 🖸	1/4 in. ■ 3/8 in. □ 1/2 in. Bentonite pellets ■ 3 2  ack Hill Bentonite Other □
E. Bentonite seal, top ft MSL or _0	No 5 0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<b>X</b>	ad material: Manufacturer, product name & mesh size
F. Fine sand, top ft MSL or 2	8 . 3 ft.	a. Of	io 40/60
2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2		b. Volu	
G. Filter pack, top ft MSL or _3		a	ack material: Manufacturer, product name & mesh size Ohio #5
H. Screen joint, top ft MSL or 3	1.4 n	b. Volt	ime addedlbs
I. Well bottom ft MSL or 4	1.4n	9. Well ca	sing: Flush threaded PVC schedule 40 ■ 2 3 Flush threaded PVC schedule 80 □ 2 4 Other □ ★888
J. Filter pack, bottom ft MSL or 4	1.4n		•
K. Borehole, bottom ft MSL or 4	. <u>1</u> .4 ft		material: Sch. 40 PVC SEMENT Sch. 40 PVC SEMENT SCH. 40 PVC I 1 1 1 Continuous slot □ 0 1
L. Borehole, diameter8 . 5 in.		h Ma	Other Diedrich
M. O.D. well casing <u>2</u> . <u>3</u> <u>8</u> in.	~22	c. Slo	(10100101 01
N. I.D. well casing $\underline{2} \cdot \underline{0} \cdot \underline{5}$ in.		11. Backi	ill material (below filler pack):  None 1 4 Other
I hereby certify that the information on this	form is true and correct	to the hest of my know	
	let		rrawage.
Signature Company	URS Cor	boranon	

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: shaded areas are for DNB use only. See instruction for more information including where the completed form should be sent.

	olid Waste ☐ Haz. Waste ☐ te & Repair ☐ Underground To		MONITORING WELL CONSTRUCTI Form 4400-113A Rev. 4	
Dopartinoit of Francis Transcript		anks in Other in	Well Name	-50
	Local Grid Location of Well	ft. 🗆 E.	MW-6D	
Madison Kipp	□ s.	□ w.		2000000
Facility License, Permit or Monitoring Number	Grid Origin Location		Wis Omgoc Well Number DNR Well Number P D 7 7 6	ber
Type of Well Water Table Observation Well 11	Lat. L St. Plane ft.	ong A F	Date Well Installed	
Piezometer	St Figureic	14,14. 15.	0 2 / 0 4 / 0 3 m m d d y y	
Distance Well Is From Waste/Source Boundary			m m d d y y  Well Installed By: (Person's Name and Firm)	
	Section Location of Waste/Sou NW ₁ /4 of SW 1/4 of Sec. 5,		,	
	Location of Well Relative to W		Kevin McCumber	_
□ Yes □ No i	u 🛘 Upgradient	s 🔲 Sidegradient	Badger State Drilling	
	d Downgradient			
A. Protective pipe, top elevation ft.	MSL II	1. Cap and		
B. Well casing, top elevation ft.	MSL -		re cover pipe: : diameter: 9 . 0 in.	
C. Land surface elevation ft.		b. Leng	th:	
D. Surface seal, bottom ft MSL or		c. Mate	ial: Steel <b>20</b> 0 1	-
		d. Addi	Flush mount Other	
12. USCS classification of soil near screen:  GP □ GM □ GC □ GW □ SW □ SP		If yes	, describe:	
SM D SC D ML D MH D CL D CH		3. Surface	seal: Bentonite□ 3	-
Bedrock			Concrete <b>1</b> 0	
13. Sieve analysis attached?   Yes	.   📓	4. Materia Sa 5. Ann	between well casing and protective pipe:	***
13. 510.00		8	Bentonite□ 3	
14. Drilling method used: Rotary = 5 Hollow Stem Auger = 4	·	Sa Sa	nd-Ohio #5 Annular Space Scal	
Horiow Stem Auger — 4		· ——	Other 🗎 🔀	W
15. Drilling fluid used: Water 0 0 2 Air 0 0 Drilling Mud 0 3 None 0 9		5. Ann	ular space seal:  _Lbs/gal mud weight Bentonite-sand slurry   3 :	
Drining Mud Li 0 3 Mono Li 9			Lbs/gal mud weight Bentonite slurry   3	
16. Drilling additives used?   Yes	ío   📓		% Bentonite Bentonite-cement grout 🔳 5	0
Describe:			belowFt ² volume added for any of the above installed: Tremie □ 0	1
Destroo	_	66	ags Portland Cement/1 bag Tremie pumped 📕 0	2
17. Source of water (attached analysis):			uagel grout mix/70 gals water Gravity 0 9	8
	🔉	6. Bentoni	te seal: a. Bentonite granules □ 3	
		b. 🖸	1/4 in. ■ 3/8 in. □ 1/2 in. Bentonite pellets ■ 3 ack Hill Bentonite 100 lbs. Other □	2
E. Bentonite seal, top ft MSL or _5_	9.5%	1XI /		
	- · - · · · · · · · · · · · · · · · · ·	7. Fine sar	d material: Manufacturer, product name & mesh size io 40/60	990
F. Fine sand, top ft MSL or 6		b. Volu	me added 40 lbs	222
G. Filter pack, topft MSL or _6	1.3 ft  0 0 1 1 9 5 ft  1 8 ft  2.8 ft	8. Filter p	ack material: Manufacturer, product name & mesh size	
	75	a		(444) (444)
H. Screen joint, top ft MSL or _6	<u>"</u>	0. 40%		
1. Well bottom ft MSL or 7	0.5 A	9. Well ca	sing: Flush threaded PVC schedule 40 2 2 Flush threaded PVC schedule 80 2 2	
			Other 🗆 🙁	
J. Filter pack, bottom ft MSL or 7	0.5n	10 8	material: Sch. 40 PVC	938
K. Borchole, bottom ft MSL or 7	0.5 ft	e e858	en type: Factory cut 📕 1	1
	-,- \		Continuous slot 🔲 0 Other 🗀 🜣	
			nufacturer Diedrich	
M. O.D. well casing $\frac{2 \cdot 3 \cdot 8}{}$ in.		c. Slot d. Slo	size $0.010$ ited length: $0.05.0$	
N. I.D. well casing $\underline{2} \cdot \underline{0} \cdot \underline{5}$ in.		11. Backf	ill material (below filler pack): None 1	
			Other 🖸 🔅	<u> </u>
I hereby certify that the information on this	form is true and correct 1	to the best of my know	wledge.	
Signature 12 5 1 1 4	Firm URS Cor			desires
Vignature VC	(I OKS COL	horanom		

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: shaded areas

	Remediation/Redevelopment		Form 4400-113A	Rev. 7-98
acility/Project Name	Local Grid Location of Well	In Sf,	□ B. Well Name	
MADIEUN KIPP	IL TOURNESS TO CARD	S. Its	DW. WW-Z	o.  DNR Weil ID No.
scility License, Permit or Monitoring No.	Local cirio orden 🖂 (ezin	Long.	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T. COME REALIZABLE
scility ID		N, Лт. В.	S/C/N	ZI 2512011
ype of Well	Section Location of Waste/So	edit i titt kada ay	B Well Installed By: I	n d d y y y y Varne (first, last) and Fi
Well Code	1/4 of1/4 of Sec		_UW BODGER. ST	ME DRULING (
Distance from Waste/   Enf. Stds.	Location of Well Relative to u Upgradient s	Waste/Source Gov. Lot	Vimiber	<u> </u>
the second secon	d □ Downgradient n	7 Not Known		
71	ILS# A MCI	1, Cap and	lock?	D Yes D No
Protective pipe, top elevation $ EL$	以料,n MSL ———	2. Protectiv	/c cover pipe:	, A
Well casing, top elevation	- 2 n. msl		diameter:	Z.in
Yandan Amerika	fLMSL	b. Lengt	h: * no mui enim.	a
THE PERSON ASSESSMENT OF THE PERSON ASSESSMENT		C. Mater	ial:	Steel ⊠ 0
). Surface seal, bottom ft. M	SLor ft Salai			Other 🛘 🎬
2. USCS classification of soil near scree	n:		ional protection?	☐ Yes ☐ No
GP FI GM FI GC FI GW FI :	SW 🗆 SP 🔲 🔪 📳	If yes	, describe:	<u>ar Maringana</u>
SM SC MLD MHD	стосно 💮	3. Surfaço	Pri-s i ·	Bentonite 🛛 3
Bedrock 🗆	.	3. 3di iacc	Hr	Concrete 🖾 0
3. Sieve analysis performed?	Yes □ No   🛞	<b>X</b>		Other 🛛 🥌
	tany ロ50 🔛	4. Materia	between well casing and prote	
Hollow Stem A	uger 🛛 41		v at meet	Bentonite □ 3
<u></u> G	Other 🗆 🎆			Other 🚨 🎬
Table of the Control	_	5. Amular	space seal; a. Granular/Chi	pped Bentonite 🔼 3
5. Drilling fluid used: Water [] 0 2	Air 🗆 01	ъ	Lbs/gal mud weight Benton	nitc-sand shurry □ 3
Drilling Mud [] 03	None 🗆 99	С	Lbs/gal mud weight Be	entonite slurry D 3
en e	Vair ret No.	d1	% Bentonite Bentonit	
6. Drilling additives used?	Yes 🗵 No	· · · · · · · · · · · · · · · · · · ·	Ft ³ volume added for an	
Describe		f. How	installed:	Tremie 🛘 0
17. Source of water (attach analysis, if req		<b>188</b>	Т	teure bombeq 🔲 0
17. Source of water lattach analysis, it red	urea):		will be the North Community of the Marketine	Gravity 🛛 0
		6. Bentoni		
	<i>[</i> * ]	ъ. □1	44 in. 203/18 in. □1/2 in. □	Bentonite chips 🖾 3
Bentonite scal, topft. Mi	SLorft.	/ c		Other D
	2.1	7 Fine say	id meterial; Manufacturar, pro	rdisct name & mesh si
Fine sand, top ft. M.	SLor_Zi_ft		410 40=60	22
	38 X	1::::32:81 Z	The second contract of	_n 3
Filter pack, top ft. Mis	SLor 25 ft.	b. Yolu	me added	
	25 0		ick material: Manufacturer, pr	oduct name & mesh si
Screen joint, top ft. MS	SL or IL	- 0	410 45	<u></u>
and the second s	SLor 35 ft.	b Volt	inte added sing: Flush threaded PVC	
Well bonom ft. M.	SLOT _ 22_ IL	9. Well ca	sing: Flush threaded PVC	
	35		Fittsh threaded PVC	14
Filter pack, bottomft. M	SL or II.		material: SCH 40 TVC	Other 🗆 🖁
	35' a	2222		
Borchole bottom ft. M.	SLor_22_ft	a. Scre	en type:	Factory cut 28 1
			·(c:	continuous slot 🔲 0
Borehole, diameter 8.0 in.		\	Server Alemorete	_ Other 🛛 🦹
		N. 5 Fire	maximum _ / / / _ / / / / / / / / / / / / / /	0.010
1. O.D. well casing _ 2.38 in.		2.27 x 2540 x	9176:	70
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	• • • • • • • • • • • • • • • • • • • •	ted length;	
L.I.D. well casing 200 in.		11. Backfil	material (below filter pack):	None 🗵 1
•				Other 🖸 🖁
hereby certify that the information on this	s form is true and correct to th	e best of my knowledge.		<u> </u>
ignaturo A/	Finn O	daer State Dr	*	
'6' I V	<i>)</i>			

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by clas. 160, 281, 283, 292, 293, 295, and 299, Wis. Stats., and cls. NR [41, Wis. Adva. Code. In accordance with clas. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., and cls. NR [41, Wis. Adva. Code. In accordance with class 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., and cls. NR [41, Wis. Adva. Code. In accordance with class 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., and 299

R	emediation/Redevelopment Other		Well Name
ility/Project Name	Local Grid Location of Well	L DR.	MU-B
LAPISON KIPP	. <u>}</u> 2⊡ -1	w Well Looming II	Wis. Unique Well No.   DNR Well ID No.
Hiry License, Permit or Monitoring No.	Lat,LongLong	or weit too awar to	VY 672
	St. Plane <u> </u>	ft, B, S/C/N	Date Well Installed 0.71251261
pe of Well	1/4 of,T.	n.r	Well installed By: Name (first, last) and Fir BADGR FATE Depution Co
Well Code/	I and of Wall Delatine to Weste/Sou	ren Gov. Yat Number	Bungar Jule nationa Ca
stance from Waste/ Enf. Stds.	n 🔲 Upgradient s 🔲 Sidegra	idient	
the second control of	d □ Downgradient n □ Not Kn	I. Cap and lock?	El Yes □ No
Protective pipe, top elevation	SH_ R MSL	2. Projective cover	piper
Well easing, top elevation	3 "_ft MSL	a. Inside diamete	
. 7	ft. MSL	b. Length:	o veliker o kertela jirilge 🚅 🚾 🖺
41 TO 18	**************************************	c. Material:	Sicel 12 0
Surface seal, bottom ft. MS			
LUSCS classification of soil near screen	ii Xaari	d. Additional pro	
COLL CMILL OCH GWILL S	W I SP II \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	If yes, describ	e: Rentantile [] 3
SIM DISC DI MILD MIHO	Trough Man	3. Surface scal:	- Principles
Bedrock 🗆		/ #	Concrete RI 0
to the constitution of the	Yes 🖸 No	11111111111111111111111111111111111111	Other 🗆 🦹
Drilling method used: Ro	tany 🗆 50	4. Material between	n well casing and protective pipe:
Hollow Stem A	nger 2741   👹 👹		Other 🗖
	ther 🗆 🧱	· · · · · · · · · · · · · · · · · · ·	
		5. Amular space se	
Drilling fiuld used: Water 02	Air □ 01 None 2199	bLbs/gal1	mud weight Bentonite-send slurry
Drilling Mud 🖸 0.3	None El 99	cLbs/gal	mud weight Bentonite slurry [2]
i, Drilling additives used?	Yes El No	d % Bento	volume added for any of the above
2 Patiting aggintage resont			The state of the s
Describe		f. How installed	Tremie pumped 🖾 (
7. Source of water (attach analysis, if req	uired):		Gravity D (
THE PROPERTY OF STREET AND THE STREET STREET, STREET STREET, STREET, STREET, STREET, STREET, STREET, STREET, S		6 Rentonite seal:	a. Bentinite granules []
		1. □1/4 in. 8	33/8 in. 1/2 in. Bentonite chips 1
Bentonite seal, topft. M.	Stor / fl. 🔛	/ c	Other []
	N 1999 1993		
Pine sand, top ft. M	SLor_20 ft.		ial: Manufacturer, product name & mesh s
		1 . 0410	40-60
Dillamanak tan fi M	SLor_22 ft \	b, Volume adde	san ³
	E 1005	8. Filter pack mate	rial: Manufacturer, product name & mesh
Screen joint, top ft. M	SLor_24_ft	1 2 01110 4	<i>18</i>
	\$7 SECTION 1	b. Volume add	
Well bottom ft. M	SL or 34 ft.	9. Well casing:	Flush threaded PVC schedule 40 月
			Plush threaded PVC schedule 80 🗆
Filler pack, bottom ft. M	SLor_30 ft	<u> </u>	Other D
en regione de la martina de la la companya de la c	34'	10. Screen material	SCH 40 Pre
Borchole, bottom ft. M	SLor_54 ft	a. Screen type:	Pactory cut 🖸
±.			Continuous slot
Borchola diameter 8.0 in.			Other 🗆
And the second section of the second section is a second section of the second section	•	b, Manufacture	MONOTIER 0011
O.D. well casing _ 2.38 in.		c. Slot size:	0.27
Acres Anna come	terminal of the second	d. Slotted leng	
. LD. well casing J.O m.		11. Backfill materi	al (below filter pack): None
The state of the s	: t	···	Other 🖸
hereby certify that the information on th	is form is true and correct to the best of	my knowledge.	
**************************************	Firm C		
ionatura VI VIII	1 (1 (1 )		
ignature	Badger	State Drill	ing Inci

RJN003726

	Watershed/Wastewater Remediation/Redevelopment	Waste Management Other X	MONITORING WELL CONSTRUCTION Form 4400-113A Rev. 7-98
acility/Project Name	Remediation/Redevelopment    Local Grid Location of Well     Rt.	Tar FID	Well Name
Marino KIPP	n.	N. Br.	14
acility License, Permit or Monitoring No.	Local Grid Origin [ ] (estim	ered: 🗌 ) or Well Location 🗎 Long	Wis, Unique Well No. DNR Well ID No.
ecility ID.	St. Planeft. } Section Location of Waste/So	with	mm dd v v v v
ype of Well Well Code/	1/4 of1/4 of Sec.	,TN.R🖂 🕏	Well Installed By: Name (first, last) and Fin
istance from Waste/ Enf. Stds.	u □ Upgradient s □	Sidegradient	
ource ft Apply	d Downgradient n [		Ø Yes □ No
Protective pipe, top elevationFL	LUSH _ PL MSL	1. Cap and lock?  2. Protective cover	The second control of
Well casing, top elevation	-2"_n. MSL	1. Inside diamete	
Land surface elevation	n. MSL	b. Length:	Steel 80 04
). Surface seal, bottom ft. M		c. Material:	Other 🗆
12. USCS classification of soil near scree	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	d. Additional pr	
GP C GMC GC GWC		If yes, descrif	and the second s
SM C SC C MILC MHC			Bentonite [] 30
Bedrock []	<b>***</b>	3. Surface scal:	Concrete D 01
3. Sieve analysis performed?	Yes □ No		Other 🛘
4. Drilling method used: Ro	ntarry 124 5 0	4. Material betwee	n well casing and protective pipe:
Hollow Stem A			Bentonite 🖂 30
	Other D		Other 🗆
	_	5. Annular space s	ral; a. Granular/Chipped Bentonite 20 3 3
5. Drilling fiuld used: Water [] 0.2	Air 🛭 01	bLbs/gal	mud weight Bentonite sand shury [] 35
Drilling Mud [] 03	None 🗆 99	cLbs/gal	mud weight Bentonite slurry 🔲 3 I
16. Drilling additives used?	Yes M No		nite Bentosite coment grout [] 5 (
Tor 134ming Sturmars recent.	, A 110	1000	volume added for any of the above
Describe		f. How installe	M
17. Source of water (attach analysis, if req	uired):		Tremie pumped 🔲 0/2 Gravity 🗓 0/8
•		6. Bentonite seal:	
			33/8 in. □1/2 in. Bentonite chips 4 3 2
Ellentonite seal, top	SLor ft.	<b>X</b>	Other []
a remonstration of the second	188		
Fine sand, top ft. M.	1	7. Fine sand mater  8. OH10 44	ial: Manufacturer, product name & mesh size
Filter pack, top ft. M	sin 42 n	b. Volume add	
). Filter pack, topft. 64		8. Filter pack mate	rial: Manufacturer, product name & mesh siz
I. Screen joint, top ft. M	SLor 44 A	a OHIO #	
. Well bottom ft. M	SLor 47 ftx	9. Well casing:	Flush threaded PVC schedule 40 2
The second control of			Flush threaded PVC schedule 80 🔲 24
Filter pack, bottomft. M	SL or 49 ft	10. Screen material	SCH 40 Pre.
K. Borchole, bottom ft. M	SLor_491A	a. Screen type:	Factory cut [2] 1 1 Continuous slot [2] 0
Borehole, diameter 6 0 in.		b. Manufacture	Other 🛛 🖔
M. O.D. well easing238 in.	and the second	c. Slot size: d. Sloted leng	0, <i>0,72</i> ir
N. L.D. well casing 20 in.		11. Backfill materi	al (below filter pack): None 🖾 14 Other 🗆 🤮
hereby certify that the information parth		best of my knowledge.	
Signature V	Form R. L.	er State Drilling	Take Libert

acility/Project Name	Remediation/Redevelopment 1 Local Grid Location of Well 1 N.	Other 🔀	Well Name
(Longon) King	IL DIS.		lD.
scilley License, Permit or Monitoring No	Local Grid Origin  (estimated	: [] ) or Well Location []	Wis, Unique Wall No. DNR Well ID No. レソルフロ
idliy ID	St. Plane ft. N,	ile. s/c/ñ	Date Well Installed 7/27/2011
ypc of Well Well Code /	1/4 of 1/4 of Sec	_tn.riw	Well Installed By: Name (first, last) and Fin BADGOR Sporte DRILLIUM CO.
istance from Waste/ Enf. Stds.	Location of Well Relative to Wast  u  Upgradient s  S  d  Downgradient n  N	idegradient	
Mark 1988 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	JSTIfLMSL	1, Cap and lock?	Ø Yes □ No
. Well casing, top elevation	ft. MSL	2. Protective cover p	The state of the s
s or the territories of the terr	ft_MSL	b. Length:	
Land surface elevation ft. N	±271€7556±54	c. Material:	Steel [2] 04
12. USCS classification of soil near scre	2623(2543.4)	d. Additional pro	
GP CI GMCI GCCI GW CI	SW D SP D   Y	If yes, describe	<b>8:</b>
SM DISC DIMLO MHD	CF D CH D	3. Surface scal:	Bentonite 🗓 30
Bedrock []  [3. Sieve analysis performed? []	Yes □ No		Concrete 🗗 01
	otary 2350	4 Material between	well casing and protective pipe:
4 Drilling method used: R Hollow Stem /		Co	Bentonite 🗆 3 (
	Other 🗆 💮		Other 🗆 🌉
		5. Annular space se	al: a. Granular/Chipped Bentonite [] 3 3
15. Drilling fluid used: Water [] 0.2	Air 🖾 01	b Lbs/gal n	nud weight Bentonite-sand shury □ 35
Drilling Mud 203	None LI 99	c. Lbs/gal n	nud weight Bentonite sluny []
16. Drilling additives used?	Yes Zi No	d % Benton	Bentonite cement grout 5 5
ೂರ್ಡುವಾದ್ಯರ್ <b>ಷ್ ಅ</b> ಗ್ರಾ ಸಹಕಾಗಿ ಕರ್ನಾಭ್ ಕ್ಷೇತ್ರೀ (		f How installed	10
Describe		I, FROW HEALTHER	Tremie pumped 🔲 0
17. Source of water (attach analysis, if re	quined):		Gravity [] 0
		6. Bentonite seal:	a. Bentonite granules [] 3.
		8 j. □1/4 in. ⊠	3/8 in. 🗆 1/2 in. Bentonite chips 💆 3:
. Bentonité scal, topft. V	ISL orft.	/	Other 🛘 🧱
Fine sand, top:fe N	ISL or _ (a) ft.	7. Fine sand meteri	al: Manufacturer, product name & mesh siz
- 1991	ISL or _ CO_R	b. Volume adde	3
		8. Filter pack mater	ial: Manufacturer, product name & mesh siz
I. Screen joint, top ft. Iv	ISL orQ' ft.	h Volume adde	a 63
A TE	ISL or 169 A.	b. volume adde	Flush threaded PVC schedule 40 2
च च च च च च		3	Fhish threaded PVC schedule 80 [] 2
Filter pack, bottomft. h	ISL or 69 n	10. Screen material:	Other 🛘 💥
K. Borchole, bottom ft. L	ISL or 69 A.	a. Screen type:	Pactory cut 团 1 Continuous slot 囗 0
_Borehole, diameter60 in		b. Manufacturer	Other 🗆 🥻
VL O.D. well casing _ 238 in	<u>-</u>	c. Slot size: d. Slotted length	0. d10 i
N. I.D. well casing 2. D to	id Br		I (below filter pack): None 2 1 Other []
hereby certify that the information on t		st of my knowledge.	
Signature (	Firm R. 1	of State Drilling	Tax.
1 IA.1 13/11   1900 - 1 1 2	Daga	DE LOTOLE LOTELLAND	BUCK CALL

Department of Natural Resources	atershed/Wastewater	Waste Management  Other	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madision-Kipp	Local Grid Location of We		Well Name MW-10S	
Facility License, Permit or Monitoring Number	Local Grid Origin		Wis. Unique Well Number OY905	DNR Well Numbe
Facility ID 113125320	St. Plane <u>400047.9</u>	ft.N, 2143831.5 ft.E	Date Well Installed	<u></u> .
Type of Well	Section Location of Waste		04/04/2012	
Well Code/	1/4 of 1/4 of Sec			, last) and Firm
Distance from Waste/ Enf. Stds. Sourceft. Apply	☐ Upgradinet☐ Downgradient	Sidegradient  Not Known	Ryan Fett Giles Engineering	& Associates
A. Protective pipe, top elevation	ft.MSL	1. Cap and lo		Yes □ No
B. Well casing, top elevation	ft.MSL —	2. Protective		ο .
C. Land surface elevation	ft.MSL	a. Inside di b. Length:		<u>8</u> in. 1 ft
D. Surface seal, bottom ft MSL or	0_ft.	c.Material		Steel 🛛 04
SM 🖸 SC 🗆 ML 🗆 MH 🗖 CL 🗖	SP CH CH CH	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nal protection? escribe:	☐ Yes ☑ No
Bedrock ☐ 13. Sieve analysis attached? ☐ Yes 🛣	No	3. Surface sea		entonite  30 Concrete  01
14. Drilling method used: Rotary □	50	4 Material her	tween well casing and protect	Other 🗖
Hollow Stem Auger	1 1340	4. Material Del		uve pipe: entonite 🗵 30
Other			Annular sp	
15. Drilling fluid used: Water ☐ 0 2 Air ☐ Drilling Mud ☐ 0 3 None ☑			ce seal: a. Granular/Chipped B gal mud weightBentonite-sa	entonite 🛛 33
16. Drilling additives used?	No 🙀	c Lbs/9	gal mud weightBentoni	te-slurry 🗖 31
Describe		e Ft ³ vo	entoniteBentonite-ceme plume added for any of the ab	ntgrout 📙 50 oove
17. Source of Water (attached analysis if required):		f. How installed		Tremie 🛮 01
	💹		Tremie	oumped 02
	'	.6. Bentonite se	a Cramular D	Gravity 図 08 entonite □ 33
E. Bentonite seal, top ft. MSL or	1.0 ft.	DAVI /	a. Granular bi	
F. Fine sand, top ft. MSL or	7.0 ft.	c. ——	erial: Manufacturer, product name	Other 🛮
G. Filter pack, top ft. MSL or	9.0 ft.	a. Red Flir b. Volume ad	nt #15	
7		o. Filter pack ma	terial: Manufacturer, product nam	e and mesh size
H. Screen joint, top ft. MSL or	11.0 11.	a. <u>Red Fli</u> b. Volume add		
I. Well bottom ft. MSL or	1.0 ft.		Flush threaded PVC sch	-
J. Filter pack, bottom ft. MSL or	2.0 ft.	10. Screen mate		Other 🗖
K. Borehole bottom ft. MSL or	2.0 ft.	a. Screen ty	pe: Fa	ectory cut 🛛 11
L. Borehole diameter8.0in.			<del>_</del>	uous slot 🗖 0 1 — Other 🗖
M. O.D. well casing		b. Manufactu c. Slot size:	irerJohnson	in.
N. I.D. well casing 2.06 in.		d. Slotted len 11. Backfill mate	ngth: rial (below filter pack):	
I hereby certify that the information on this form is true	and correct to the best of m	v knowledge	<del></del> .	
Signature	Firm ARCAD	IS	<u> </u>	
TA (put the)	126 N.	lefferson Street kee,WI (414) 276-7742		

Department of Natural Nesources	tershed/Wastewater Waste	Management	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madision-Kipp	Local Grid Location of Well		Well Name MW-11S	
Facility License, Permit or Monitoring Number	Local Grid Origin LatLong		Wis. Unique Well Number OY906	DNR Well Numbe
Facility ID	St. Plane 399676.7 ft. N,	2144367.7 ft.E	Date Well Installed	<u> </u>
113125320 Transform	Section Location of Waste/Source		04/10/2012	
Type of Well Well Code/	1/4 of 1/4 of Sec	т N,R 📙 🕏 .	Well Installed by: Name (first,	, last) and Firm
<del></del>	Location of Well Relative to Wast	e/Source	Ryan Fett	
Distance from Waste/ Enf. Stds. Sourceft. Apply	☐ Upgradinet☐ Downgradient	☐ Sidegradient ☐ Not Known	Giles Engineering	& Associates
A. Protective pipe, top elevation		1. Cap and lo		☑ Yes □ No
B.Well casing, top elevation	ft.MSL + P	2. Protective of a. Inside di		8 in.
C. Land surface elevation	ft.MSL	b. Length:		1 ft.
D. Surface seal, bottom ft MSL or	ft. <b>35.1</b>	c. Material		Steel 🛛 04 Other 🗖
12. USCS classification of soil near screen:	2 (2)   \(\lambda_{2}\)	d. Addition	nal protection?	Yes M No
	SP 🔲 📗	1	escribe:	
SM ☑ SC ☐ ML☐ MH☐ CL☐ ·	CH 🗆   Nill III			entonite 🗆 30
13. Sieve analysis attached? ☐ Yes ☑ N		3. Surface sea	1.	Concrete 🗖 01
	1 1881 1881	\	<u> </u>	Other 🗖
14. Drilling method used: Rotary		4. Material bet	tween well casing and protect	
Hollow Stem Auger 🔀 Other 🗆	41 83 83			entonite 🗵 30
Other L	💹 🔯		Annulai sp	ace seal  Other
15. Drilling fluid used: Water   0 2 Air   0 0	I BON BON	5. Annular spa	ce seal: a. Granular/Chipped Bo	
Drilling Mud 🔲 0 3 None 🖾 9	1 1968 1968	b Lbs/g	gal mud weightBentonite-sa	nd slurry 🗖 35
16. Drilling additives used? ☐ Yes	No Maria Maria		gal mud weightBentonit entoniteBentonite-cemer	
Describe		e Ft ³ vo	olume added for any of the ab	ove
17. Source of Water (attached analysis if required):		f. How installed	d:	Tremie 🗖 01
				oumped 🗖 02
		4.5		Gravity 🛛 08
E. Bentonite seal, top ft. MSL or1	<u>.0_ft.</u> 💥 💥	6. Bentonite se		entonite 🗖 33
		B.□1/4 In.		e pellets ⊠ 32
F. Fine sand, top ft. MSL or			erial: Manufacturer product pame	
G. Filter pack, top ft. MSL or	2.0 ft.	b. Volume ad		
H. Screen joint, top ft. MSL or	4.0 ft.	8. Filter pack mar a. <u>Red Fli</u>	terial: Manufacturer, product name nt #40	e and mesh size
		b. Volume add	ded 450 lbs	
I. Well bottom ft. MSL or		9. Well casing:	Flush threaded PVC scho Flush threaded PVC sch	
J. Filter pack, bottom ft. MSL or	5.0_ft.	<u> </u>		_ Other 🗖
K. Borehole bottom ft. MSL or	6.0 ft.	10. Screen mate a. Screen typ		ctory cut 🛛 11
L. Borehole diameter 8.0 in.			Contin	uous slot 🔲 0 1 —Other 🔲 🔔
_	/	b. Manufactu		Other
M. O.D. well casing 2.37 in.		c. Slot size:		<u>.010</u> in.
N 15		d. Slotted len	gth: rial (below filter pack):	10 ft.
N. I.D. well casing <u>2.06</u> in.			nar (below filter pack):	None <b>⊠</b> 14 Other <b>_</b>
I hereby certify that the information on this form is true a Signature	nd correct to the best of my know Firm ARCADIS	ledge.		
TA (Dilli)	126 N. Jefferso	on Street I (414) 276-7742		

Department of Natural Resources	/atershed/Wastewater ation/Redevelopment x	Waste Management	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madision-Kipp	Local Grid Location of W		Well Name MW-12S	
Facility License, Permit or Monitoring Number	Local Grid Origin		Wis, Unique Well Number OY907	DNR Well Numbe
Facility ID		or ft.N,ft.E	Date Well Installed	
113125320	Section Location of Was		04/10/2012	
Type of Well Well Code/	1/4 of 1/4 of Se	ec T N,R 🗖 E.	Well Installed by: Name (first	, last) and Firm
Distance from Waste/ Enf. Stds. Sourceft. Apply	Location of Well Relative Upgradinet Downgradient	to Waste/Source Sidegradient Not Known	Ryan Fett Giles Engineering	& Associates
A. Protective pipe, top elevation	ft.MSL	1. Cap and lo	ck?	☑ Yes ☐ No
B. Well casing, top elevation	1	2. Protective a. Inside d	cover pipe:	
C. Land surface elevation	_ ft.MSL	b.Length:		<u>8</u> in. 1 ft.
D. Surface seal, bottom ft MSL or	0_ft.	c. Material		Steel 🛛 04
12. USCS classification of soil near screen:  GP □ GM □ GC □ GW □ SW □  SM ☒ SC □ ML □ MH □ CL □	SP CH CH	d. Addition If yes, de	nal protection? escribe:	☐ Yes ☑ No
Bedrock ☐ 13. Sieve analysis attached? ☐ Yes ☑	No 🐰	3. Surface sea		entonite  30 Concrete  01
14. Drilling method used: Rotary □	50	4. Material bei	tween well casing and protect	Other   cive pipe:
Hollow Stem Auger ☑	1 1399		- ,	entonite 🛛 30
Other			Annular sp	O-1
15. Drilling fluid used: Water □ 02 Air □ Drilling Mud □ 03 None ☑	I DOM		ce seal: a. Granular/Chipped B	entonite 🗵 33
	No 🐰	b Lbs/9	gal mud weightBentonite-sa gal mud weightBentoni	
Describe		d% Be	entoniteBentonite-ceme plume added for any of the ab	
17. Source of Water (attached analysis if required):	<del></del>	f. How installed		Tremie 🛮 01
	🐰		Tremie p	oumped 02
		6. Bentonite se	o Cranular B	Gravity 🔯 08 entonite 🗖 33
E. Bentonite seal, top ft. MSL or	<u>1.0</u> ft.	b. □1/4 in.	a.Glariular bi ■ 3/8 in. □ 1/2 in. bentonit	
F. Fine sand, top ft. MSL or	2.0_ft.	C	erial: Manufacturer, product name	Other 🗖
G. Filter pack, top ft. MSL or	2.5 ft.	a. Red Flii	nt #15	
====30		8. Filter pack ma	terial: Manufacturer, product nam	e and mesh size
H. Screen joint, top ft. MSL or	3.0 ft.	a. Red Fli	4.0.0.11	
I. Well bottomft. MSL or	13.0 ft.		Flush threaded PVC sch	
J. Filter pack, bottom ft. MSL or	13.0 ft. 14.0 ft.		Flush threaded PVC sch	edule 80 🗖 24 Other 🗖
K. Borehole bottom ft. MSL or		10. Screen mate a. Screen ty		ctory cut 🛛 11
L. Borehole diameter 8.0in.		u. scieerty)		uous slot 🗖 01
L. Borellole diameter	\ <u>\</u>	b. Manufactu	ırer Johnson	Other 🗖
M. O.D. well casing 2.37 in.		c. Slot size:		<u>.010</u> in.
N. I.D. well casing 2.06 in.		d. Slotted ler 11. Backfill mate	ngth: rial (below filter pack):	<u>10</u> ft. None <b>⊠</b> 14 Other <b>□</b>
				- VIIII
I hereby certify that the information on this form is true Signature				
TA (Dail Hu)		JIS Jefferson Street ukee,WI (414) 276-7742		



Facility ID: 113125320

Drilling Method: Mud Rotary

Drilling Fluid Used: Drilling Mud

Borehole Diameter: <u>8" to 37.5', 6" to 200'</u>

Well Casing ID/OD: 1.5" / 1.8"

Well Installed By: Mark Lessard, Schlumberger

Well ID: MP-13

Well Installation Date: 9/30/2012

State Plane Location: 400296.486N, 2144079.138E

Section Location: SW 1/4 of Sec. 5, T7N, R10E

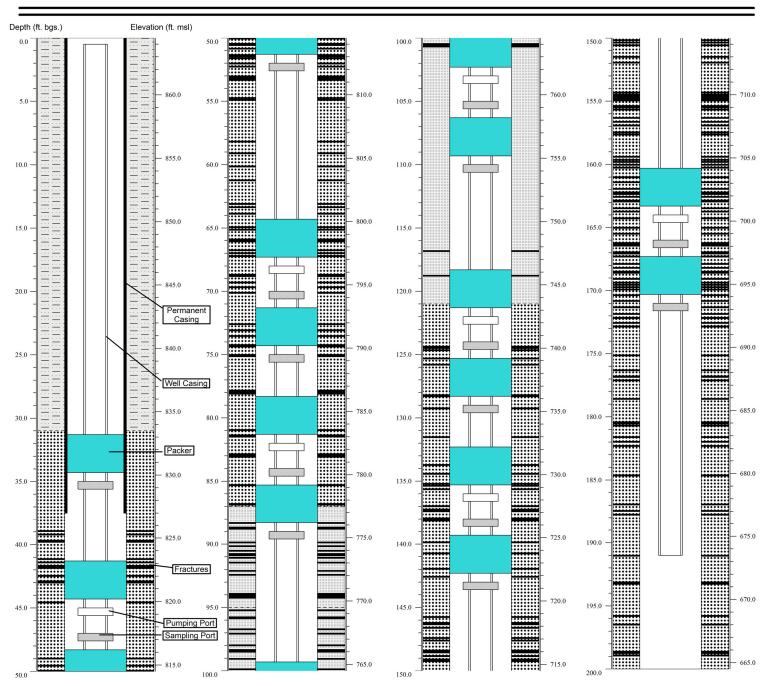
Land Surface Elevation: 864.49

Well Casing Elevation: 863.99

Surface Seal Bottom: 863.49

Multiport Sample Intervals

Sampler Depth	Sample Range
47.0'	44 - 48'
70.0'	67 - 71'
84.0'	81 - 85'
105.0'	102 - 106'
124.0'	121 - 125'
138.0'	135 - 139'
166.0'	163 - 167'



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

Buyan Rould Frat

Firm ARCADIS

126 N. Jefferson St., Suite 400 Milwaukee, WI 53202 (414) 276-7742



Facility ID: 113125320

Drilling Method: Mud Rotary

Drilling Fluid Used: Drilling Mud

Borehole Diameter: 8" to 49', 6" to 200'

Well Casing ID/OD: 1.5" / 1.8"

Well Installed By: Dennis Oertel, Schlumberger

Well ID: MP-14

Well Installation Date: 10/22/12

State Plane Location: 400022.837N, 2143616.006E

Section Location: SW 1/4 of Sec. 5, T7N, R10E

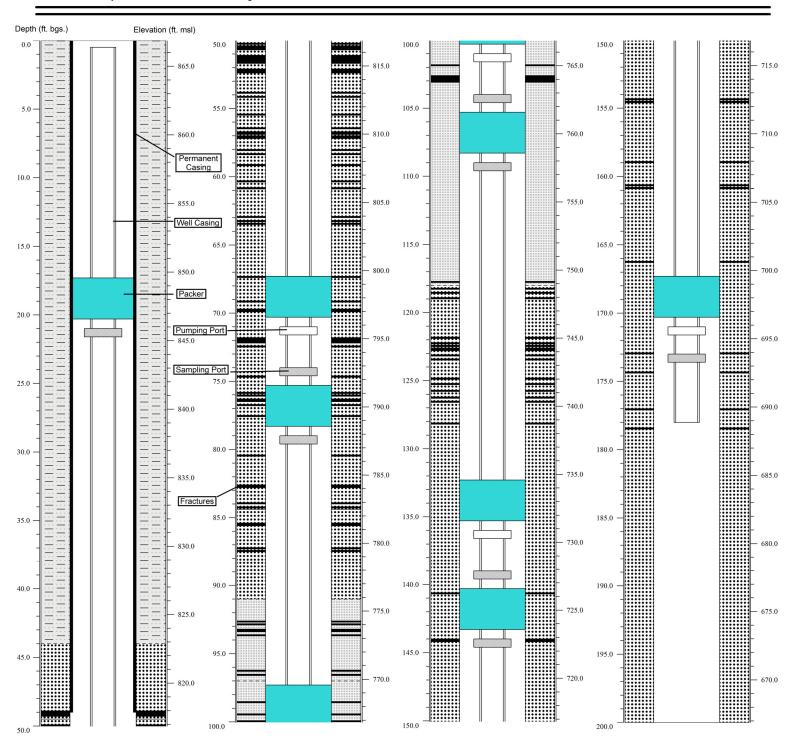
Land Surface Elevation: 866.88

Well Casing Elevation: 867.28

Surface Seal Bottom: 865.88

Multiport Sample Intervals

Sampler Depth	Sample Range
74.0'	70 - 75'
104.0'	100 - 105'
139.0'	135 - 140'
173.0'	170 - 178'



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Signature

Firm ARCADIS

126 N. Jefferson St., Suite 400

Milwaukee, WI 53202 (414) 276-7742



Facility ID: 113125320

Drilling Method: Mud Rotary

Drilling Fluid Used: Drilling Mud

Borehole Diameter: 8" to 41', 6" to 200'

Well Casing ID/OD: 1.5" / 1.8"

Well Installed By: Dennis Oertel, Schlumberger

Well ID: MP-15

Well Installation Date: 12/11/12

State Plane Location: 400900.426N, 2144107.01E

Section Location: SW 1/4 of Sec. 5, T7N, R10E

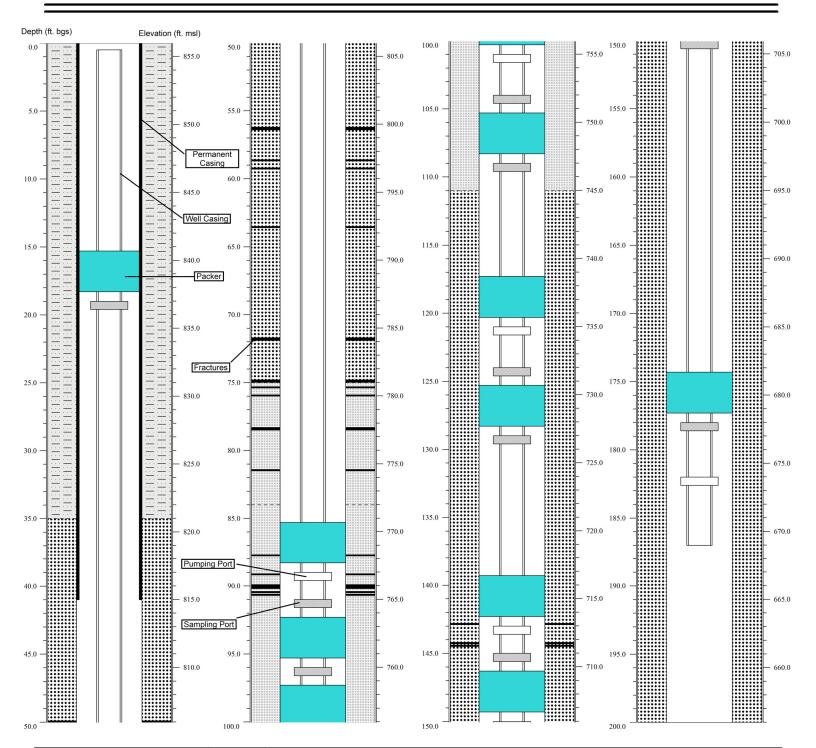
Land Surface Elevation: 855.98

Well Casing Elevation: 855.50

Surface Seal Bottom: 854.98

Multiport Sample Intervals

Sampler Depth	Sample Range
91.0'	88 - 92'
104.0'	100 - 105'
124.0'	120 - 125'
145.0'	142 - 146'
178.0'	177 - 187'



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Buyan Firm

ARCADIS

126 N. Jefferson St., Suite 400

Milwaukee, WI 53202 (414) 276-7742



Facility ID: 113125320

Drilling Method: Mud Rotary

Drilling Fluid Used: Drilling Mud

Borehole Diameter: 8" to 51.0', 6" to 200'

Well Casing ID/OD: 1.5" / 1.8"

Well Installed By: Dennis Oertel, Schlumberger

Well ID: MP-16

Well Installation Date: 11/30/2012

State Plane Location: 399816.64N, 2144638.84E

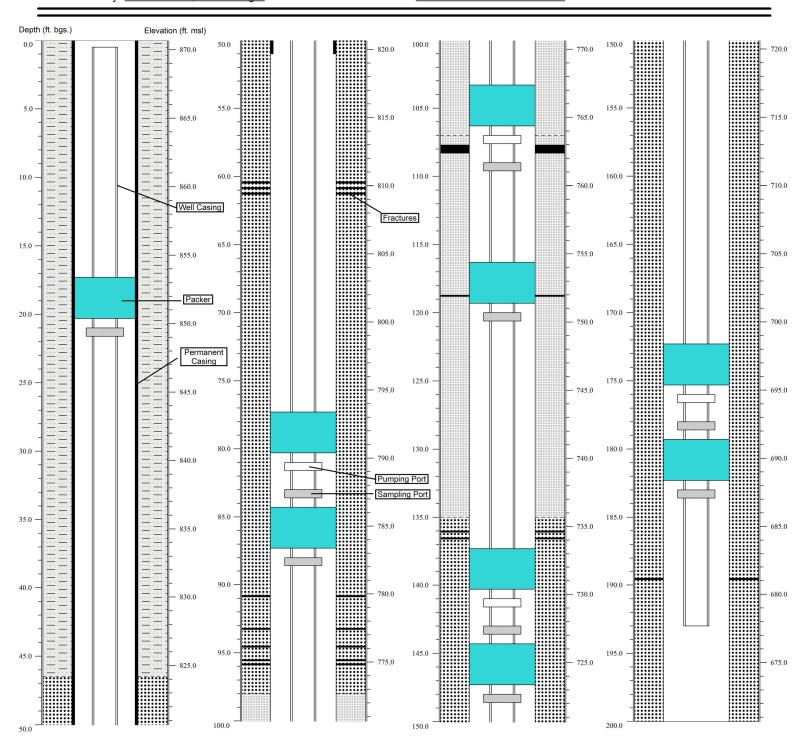
Section Location: SW 1/4 of Sec. 5, T7N, R10E

Land Surface Elevation: <u>870.68</u>
Well Casing Elevation: <u>870.17</u>

Surface Seal Bottom: 869.68

Multiport Sample Intervals

Sampler Depth	Sample Range
83.0'	80 - 84'
109.0'	106 - 116'
143.0'	140 - 144'
178.0'	175 - 179'



I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature By Rend Find

ARCADIS

<u>Fir</u>m

126 N. Jefferson St., Suite 400

Milwaukee, WI 53202 (414) 276-7742

Department of Natural Resources	tershed/Wastewater	Waste ManagementOther	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madison-Kipp	Local Grid Location of Well		Well Name MW-17	
Facility License, Permit or Monitoring Number	Local Grid Origin Lat.	760	Wis. Unique Well Number	DNR Well Number
Facility ID 113125320	St. Plane <u>399413.16</u>	ft.N, 2144307.18 ft.E	Date Well Installed	
Type of Well Well Code/	Section Location of Waste, 1/4 of1/4 of Sec_	T N,R 🛚 🖟 W.	1	, last) and Firm
Distance from Waste/ Enf. Stds. Sourceft. Apply	Location of Well Relative to Upgradinet Downgradient	o Waste/Source ☐ Sidegradient ☐ Not Known	Todd Schmelfeldt Boart Longyear	
A. Protective pipe, top elevation 877.26	ft.MSL	1. Cap and lo		☑ Yes ☐ No
B. Well casing, top elevation <u>876.65</u>	ft.MSL ——	2. Protective of a. Inside di		9 in.
C. Land surface elevation 877.26	ft.MSL	b. Length:		
D. Surface seal, bottom ft MSL or ft MSL or	ft.	c. Material		Steel 🛛 04 _ Other 🗖
	SP 🔲	Max (	al protection? escribe:	☐ Yes ☑ No
Bedrock□	CH 🗆 💮 🔣	3. Surface sea	-	entonite □ 30 Concrete 図 01
13. Sieve analysis attached? ☐ Yes ☑ ↑	1888	<b>*</b> \		Other 🔲 🔤
14. Drilling method used: Rotary	1 1770	4. Material bet	ween well casing and protect	
Hollow Stem Auger  ————————————————————————————————————			Annular sp	entonite 🛛 30 pace seal 🔲
	👹	<b></b>		Other 🔲 🔙
15. Drilling fluid used: Water □ 02 Air □ 0 Drilling Mud ☑ 03 None □ 9	MON I		ce seal: a. Granular/Chipped B	
_	1 203		gal mud weightBentonite-sa gal mud weightBentoni	
16. Drilling additives used?	140		gai mud weightbentoni entoniteBentonite-ceme	
Describe	<b>           </b>	eFt ³ vo	olume added for any of the ab	
17. Source of Water (attached analysis if required):		f. How installed		Tremie 01
	💹		remie į	pumped 🔲 02 Gravity 🕱 08
	<b>               </b>	6. Bentonite se	al: a Granular Bo	entonite 🗖 33
E. Bentonite seal, top ft. MSL or	1.0_ft. 💥	201	■ 3/8 in. □1/2 in. bentonit	<del>_</del>
F. Fine sand, topft. MSL or	56.0 ft.	7204	erial: Manufacturer, product name	Other 🗖
G. Filter pack, top ft. MSL or	56.0 ft.	7. Fine sand Mat a. <u>Red Flii</u> b. Volume ad		
H. Screen joint, top ft. MSL or	50.0 ft.	8. Filter pack ma a. <u>Red Fli</u>	terial: Manufacturer, product nam nt #40	e and mesh size
1-		b. Volume add	ded ft ³	
I. Well bottom ft. MSL or		9. Well casing:	Flush threaded PVC sch Flush threaded PVC sch	
J. Filter pack, bottom ft. MSL or	07.0_ft.	10. Screen mate		Other 🗖
K. Borehole bottom ft. MSL or 20	7.0 ft.	a. Screen ty	pe: Fa	nctory cut 🗵 11
L. Borehole diameter 6.0 in.		1 Manufact		Other 🔲
M. O.D. well casing 2.37 in.		b. Manufactu c. Slot size:		<u>.010</u> in.
N. I.D. well casing <u>2.06</u> in.		d. Slotted ler	ngth: rial (below filter pack): 	10ft. None ☑ 14 Other□
I hereby certify that the information on this form is true	and correct to the best of m	v knowledae.		
Signature	Firm ARCADI	S		
	126 N. Jo Milwaul	efferson Street kee, WI (414) 276-7742		

Local Grid Location of Well   Mark   Mad   Son-Nich   Mad	State of Wisconsin Department of Natural Resources Rem	Watershed/Was ediation/Redevel		e Manageme Oth	=	MONITORING WE Form 4400-113A	LL CONSTI	<b>RUCTION</b> 7/98
Facility Leonse, Permit or Monitoring Number   Cocal Grids Origin   Lat   Long   St. Plane   40.0104.77   n.m.   21.44064.81   n.E   Date Well Number   DNR Well Number   DNR Well Number   St. Plane   40.0104.77   n.m.   21.44064.81   n.E   Date Well Installed   DNR Well Number		Local Grid			ft FI Ev			
Section Location of Washers Source			Origin				DNR	Vell Numbe
Type of Well   Well Code		St. Plane	100104.77 ft.N,				<u> </u>	
Distance from Waster   End. Stight   Cardion of Well Relative to Waster   Sidegradient   Sidegra	Type of Well	Section Lo	cation of Waste/Sourc	:e + 7 N.B.	10 🛚 🖫 🕏		t, last) and	Firm
Disparation		Location of	f Well Relative to Wast	te/Source		·	.,,,	
A Protective pipe, top elevation							& Associ	ates
Since   Single   Si	A. Protective pipe, top elevation <u>867.89</u>			1	. Cap and lo		X Yes	□ No
D. Surface seal, bottom	B. Well casing, top elevation 867.24	ft.MSL -		2			,	3 in
D. Surface Seal, Dottorn   Boo.59   R. M.S. or   D.   D.   D.   D.   D.   D.   D.   D	C. Land surface elevation 867.89	ft. MSL						
12. USCS classification of soil near screen: GP   GM   GC   GW   SW   SP   GM   GC   GW   SW   SP   GM   GC   GW   GW   GM   GC   GW   GW   GM   GC   GW   GW   GW   GW   GW   GW   GW	D. Surface seal, bottom <u>866.89</u> ft MSL or	ft. ]			c. Material	:	·	_
13. Sieve analysis attached?   Yes	GP□ GM□ GC□ GW□ SW □ SM図 SC□ ML□ MH□ CL□					escribe:	☐ Yes	■ No
14. Drilling method used: Rotary   50	· .	⊠ No		3	. Surface sea		Concrete	<b>⊠</b> 01
15. Drilling fluid used: Water □ 0.2 Air □ 0.1 Drilling Mud □ 0.3 None □ 9.9  16. Drilling additives used? □ Yes □ No Describe N/A  17. Source of Water (attached analysis if required): N/A  E Bentonite seal, top 856.89 ft. MSL or N/A  E. Fine sand, top 851.89 ft. MSL or 16.0 ft.  F. Fine pack, top 847.89 ft. MSL or 18.0 ft.  H. Screen joint, top 847.89 ft. MSL or 30.0 ft.  J. Filter pack, bottom 837.39 ft. MSL or 30.5 ft.  B. Borehole bottom 837.39 ft. MSL or 10.0 ft.  B. Borehole diameter 8.0 in.  M. O.D. well casing 2.0 in.  Sand and a street information on this form is true and correct to the best of my knowledge.  Firm ARCADIS.  11. Describe 1. Sannular space seal: a. Granular/Chipped Bentonite □ 33 b. □Lbs/gal mud weight	14. Drilling method used: Rotary Hollow Stem Auger	□ 50 図 41		4.	Material bet		ctive pipe: Bentonite space seal	<b>X</b> 30
Describe N/A  17. Source of Water (attached analysis if required):  N/A  E. Bentonite seal, top  856.89 ft. MSL or  11.0 ft.  F. Fine sand, top  849.89 ft. MSL or  18.0 ft.  H. Screen joint, top  847.89 ft. MSL or  18.0 ft.  Well bottom  837.89 ft. MSL or  30.0 ft.  J. Filter pack, bottom  837.39 ft. MSL or  9. Well casing:  Flush threaded PVC schedule 40  23  Flush threaded PVC schedule 40  23  Flush threaded PVC schedule 40  20  F	Drilling Mud □ 0 3 None	⊠ 99		b.	Lbs/c	gal mud weightBentonite-s	Bentonite sand slurry	□ 33 □ 35
17. Source of Water (attached analysis if required):   N/A   Tremie pumped   0 1   O 1   O 1				d.	% Be	ntoniteBentonite-ceme	ent grout	
E. Bentonite seal, top 856.89 ft. MSL or 11.0 ft.  F. Fine sand, top 851.89 ft. MSL or 16.0 ft.  G. Filter pack, top 847.89 ft. MSL or 20.0 ft.  H. Screen joint, top 837.89 ft. MSL or 30.5 ft.  J. Filter pack, bottom 837.39 ft. MSL or 30.5 ft.  E. Bentonite seal: a. Granular Bentonite   3 3 3 2 c. Other	17. Source of Water (attached analysis if required):					d:	Tremie pumped	□ 02
F. Fine sand, top  851.89 ft. MSL or  16.0 ft.  G. Filter pack, top  849.89 ft. MSL or  18.0 ft.  H. Screen joint, top  837.89 ft. MSL or  30.0 ft.  J. Filter pack, bottom  837.89 ft. MSL or  30.5 ft.  J. Filter pack, bottom  837.39 ft. MSL or  837.39 ft. MSL or  30.5 ft.  L. Borehole diameter  M. O.D. well casing  2.3 in.  N. I.D. well casing  2.0 in.  C. Other   7. Fine sand Material: Manufacturer, product name and mesh size a. Red Flint #15 b. Volume added  2.6 ft ³ 9. Well casing: Flush threaded PVC schedule 40 2 3 Flush threaded PVC schedule 80 \( \text{D} \) 24  Thereby certify that the information on this form is true and correct to the best of my knowledge.  Firm ARCADIS Signature  Firm ARCADIS Signature  Firm ARCADIS Signature  Firm ARCADIS Signature  7. Fine sand Material: Manufacturer, product name and mesh size a. Red Flint #15 b. Volume added  2.6 ft ³ 9. Well casing: Flush threaded PVC schedule 40 2 3 Flush threaded PVC schedule 40 2 3 Flush threaded PVC schedule 80 \( \text{D} \) 24  Thereby certify that the information on this form is true and correct to the best of my knowledge.	956.90 6.40	1106		<b>,</b> 6.			Bentonite	□ 33
b. Volume added 2.6 ft³  I. Well bottom 837.89 ft. MSL or 30.0 ft.  I. Well bottom 837.39 ft. MSL or 30.5 ft.  I. Well casing: Flush threaded PVC schedule 40 □ 23 Flush threaded PVC schedule 80 ☑ 24 In						<b>⊠</b> 3/8 in. □1/2 in. benton	-	
b. Volume added 2.6 ft³  I. Well bottom 837.89 ft. MSL or 30.0 ft.  I. Well bottom 837.39 ft. MSL or 30.5 ft.  I. Well casing: Flush threaded PVC schedule 40 □ 23 Flush threaded PVC schedule 80 ☑ 24 In	F. Fine sand, top 8.5 1.89 ft. MSL or	16.0ft.		<b>/</b> 7.	Fine sand Mat a Red Flii	erial: Manufacturer, product nam nt #15	ne and mesh	size
b. Volume added 2.6 ft³  I. Well bottom 837.89 ft. MSL or 30.0 ft.  I. Well bottom 837.39 ft. MSL or 30.5 ft.  I. Well casing: Flush threaded PVC schedule 40 □ 23 Flush threaded PVC schedule 80 ☑ 24 In	G. Filter pack, top 849.89 ft. MSL or	18.0_ft. <		/ .	b. Volume ad	dedft ³		
I. Well bottom  837.89 ft. MSL or 30.0 ft.  J. Filter pack, bottom  837.39 ft. MSL or 30.5 ft.  K. Borehole bottom  837.39 ft. MSL or 30.5 ft.  L. Borehole diameter  8.0 in.  M. O.D. well casing  2.3 in.  D. Manufacturer Johnson  C. Slot size:  d. Slotted length:  10. Screen material:  D. Manufacturer Johnson  C. Slot size:  D. Manufacturer Johnson  A. Soreen type:  D. Manufacturer Johnson  C. Slot size:  D. Manufacturer Johnson  C. Slot size:  D. Manufacturer Johnson  A. Soreen type:  A. Screen type:  A.	H. Screen joint, top <u>847.89</u> ft. MSL or	ft		/8.	a. <u>Red Fli</u>	int #40	me and mes	h size — ——
K. Borehole bottom 837.39 ft. MSL or 30.5 ft.  Borehole diameter 8.0 in.  M. O.D. well casing 2.3 in.  N. I.D. well casing 2.0 in.  10. Screen material: PVC  a. Screen type: Factory cut 11  Continuous slot 01  Other 0  b. Manufacturer Johnson  c. Slot size: d. Slotted length: 10 ft.  None 14  Other 0  I hereby certify that the information on this form is true and correct to the best of my knowledge.  Firm ARCADIS 126 N. Jefferson Street	I. Well bottom <u>837.89</u> ft. MSL or	30.0 ft.		9.			hedule 40	□ 23
K. Borehole bottom 837.39 ft. MSL or 30.5 ft.  Borehole diameter 8.0 in.  M. O.D. well casing 2.3 in.  N. I.D. well casing 2.0 in.  10. Screen material: PVC  a. Screen type: Factory cut 11  Continuous slot 01  Other 0  b. Manufacturer Johnson  c. Slot size: d. Slotted length: 10 ft.  None 14  Other 0  I hereby certify that the information on this form is true and correct to the best of my knowledge.  Firm ARCADIS 126 N. Jefferson Street	J. Filter pack, bottom 837.39 ft. MSL or	30.5_ft						
L. Borehole diameter 8.0 in.  M. O.D. well casing 2.3 in.  D. Manufacturer Johnson c. Slot size: d. Slotted length: 11. Backfill material (below filter pack):  None ■ 14  Other □  I hereby certify that the information on this form is true and correct to the best of my knowledge.  Firm ARCADIS 126 N. Jefferson Street	K. Borehole bottom 837.39 ft. MSL or	30.5 ft.		10.		pe: F		
M. O.D. well casing 2.3 in.  N. I.D. well casing 2.0 in.  C. Slot size: d. Slotted length: 11. Backfill material (below filter pack):  None ■ 14 Other ■  I hereby certify that the information on this form is true and correct to the best of my knowledge.  Signature Firm ARCADIS 126 N. Jefferson Street	L. Borehole diameter8.0in.							
N. i.D. well casing 2.0 in. 11. Backfill material (below filter pack): None ■ 1.4 Other ■  I hereby certify that the information on this form is true and correct to the best of my knowledge.  Signature Firm ARCADIS 126 N. Jefferson Street	M. O.D. well casing 2.3 in.		`		c. Slot size:			010_ in.
Signature Firm ARCADIS 126 N. Jefferson Street	N. I.D. well casing 2.0 in.						None	10 ft. ☑ 14
Signature Firm ARCADIS 126 N. Jefferson Street	I hereby certify that the information on this form is	true and correct	to the best of my kno	wledge.				
·			m ARCADIS 126 N. Jeffers	son Street				

Department of Natural Resources	tershed/Wastewater  tion/Redevelopment	Waste Management  Other	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madison-Kipp	Local Grid Location of We		Well Name MW-19D	
Facility License, Permit or Monitoring Number	Local Grid Origin	·	Wis. Unique Well Number	DNR Well Numbe
Facility ID 113125320	St. Plane 400150.89	2 _{ft.N,} 2144078.50 _{ft.E}	Date Well Installed	
Type of Well	Section Location of Wast		11/19/2012	
Well Code/	1/4 of _SVV1/4 of Se	<u>c_5_T7_N,R_10</u>	Well Installed by: Name (first	t, last) and Firm
Distance from Waste/ Enf. Stds. Sourceft. Apply	Location of Well Relative Upgradinet Downgradient	To waste/source ☐ Sidegradient ☑ Not Known	Todd Schmelfeldt Boart Longyear	
A. Protective pipe, top elevation <u>867.44</u>	ft.MSL	1. Cap and lo		☑ Yes ☐ No
B. Well casing, top elevation866.75	ft.MSL	2. Protective		9 in
C. Land surface elevation 867.44	ft. MSL	a. Inside d b. Length:		8 in. 1.0 ft.
D. Surface seal, bottom <u>866.44</u> ft MSL or <u>1</u>	ft.	c. Material		Steel 🖸 04
12. USCS classification of soil near screen:		d. Addition	nal protection?	☐ Yes ☑ No
	SP 🔲 📗	1 124 /	escribe:	v
SM □ SC □ ML□ MH□ CL □ Bedrock⊠	CH 🗆   N	XX \ \	D	Sentonite   30
		3. Surface sea	il:	Concrete 🛛 01
13. Sieve analysis attached? ☐ Yes ☑ N	40   <b>10</b>	Portl	and Cement	Other 🔲
	50	4. Material be	tween well casing and protec	• •
Hollow Stem Auger	41			entonite 🛛 30
Other 🗆		<b>*</b>	Annular sp	Other
15. Drilling fluid used: Water □ 02 Air □ 0	01	5 Annular spa	ce seal: a. Granular/Chipped B	
Drilling Mud ☑ 03 None ☐ 9	99   🞇	bLbs/	gal mud weightBentonite-sa	and slurry 🗖 35
16. Drilling additives used? ☐ Yes	No 🞇	cLbs/	gal mud weightBenton	ite-slurry 🛭 31
Describe			entoniteBentonite-ceme olume added for any of the ak	
17. Source of Water (attached analysis if required):	—	f. How installe	-	Tremie 🗆 0.1
				pumped 🗆 02
City of Madison				Gravity 🛛 08
- a contract of the contract of	1156	6. Bentonite se		entonite 🗖 33
E. Bentonite seal, top ft. MSL or	71.52 IL	b. □1/4 in.	<b>☑</b> 3/8 in. □1/2 in. bentoni	
F. Fine sand, top ft. MSL or	50.2 ft.	7. Fine sand Mar	erial: Manufacturer, product nam rsand 40/30 fine	Other □ e and mesh size
G. Filter pack, top ft. MSL or	55.0 ft.	a. CHORC b. Volume ac		
H. Screen joint, top ft. MSL or	50.0_ft.	8. Filter pack ma a. Red Fl		ne and mesh size
9		b. Volume ad	ded 13.8 ft ³	
I. Well bottom ft. MSL or		9. Well casing:	Flush threaded PVC sch Flush threaded PVC sci	
J. Filter pack, bottomft. MSL or9	4.5 ft.	10. Screen mate		Other 🛮
K. Borehole bottom ft. MSL or	42.0 ft.	a. Screen ty	pe: Fo	actory cut  11
L. Borehole diameterin.				nuous slot 🛛 0 1 —— Other 🔲
M. O.D. well casing in.		b. Manufact c. Slot size:	urer <u>Johnson</u>	in.
		d. Slotted le		30 ft.
N. I.D. well casing 2.0 in.		11. Backfill mate	erial (below filter pack): Bentonite	None □ 14 Other ☑
I hereby certify that the information on this form is true Signature	Firm ARCA			_
- · · · ·	126 N.	Jefferson Street ukee, WI (414) 276-7742		

Department of Natural Resources	tershed/Wastewater	Waste Management	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madison-Kipp	Local Grid Location of We	ft. 📙 🗓 🧓	Well Name MW-19D2	)
Facility License, Permit or Monitoring Number	Local Grid Origin Lat.		Wis. Unique Well Number	DNR Well Numbe
Facility ID 113125320	St. Plane 400150.92	ft.N, 2144078.13 ft.E	Date Well Installed	
Type of Well	Section Location of Wast	e/Source <u>5</u> T. <u>7</u> N,R <u>10</u>	11/19/2012 Well Installed by: Name (first	last) and Firm
Well Code/	Location of well Relative	to waste/Source	Todd Schmelfeldt	, 1030, 0110 1 1111
Distance from Waste/ .Enf. Stds. Sourceft. Apply	<ul><li>□ Upgradinet</li><li>□ Downgradient</li></ul>	☐ Sidegradient ☑ Not Known	Boart Longyear	
A. Protective pipe, top elevation <u>867.44</u>		1. Cap and lo		☑ Yes 🗖 No
B. Well casing, top elevation 866.70	ft.MSL	2. Protective a. Inside d		8 in.
C. Land surface elevation 867.44	ft.MSL	b.Length:		1.0 ft.
D. Surface seal, bottom <u>866.44</u> ft MSL or <u>1</u>	ft.	c.Material	:	Steel <b>⊠</b> 04 _ Other □
	SP CH	If yes, de	nal protection? escribe:	□ Yes ☑ No entonite □ 30
13. Sieve analysis attached? ☐ Yes ☑ N	No B	3. Surface sea	11:	Concrete 🛛 01
	1 1881	1001	and Cement	Other 🗖
14. Drilling method used: Rotary Market Hollow Stem Auger	L KING	4. Material be	tween well casing and protec B	tive pipe: entonite 🖾 30
Other	👹		Annular sp	pace seal
15. Drilling fluid used: Water □ 02 Air □ 0	1	£ Appular coa	ce seal: a. Granular/Chipped B	Other 🗖 📴
Drilling Mud ☑ 0 3 None ☐ 9	9	b Lbs/	gal mud weightBentonite-sa	and slurry 🔲 35
16. Drilling additives used? ☐ Yes ☑	No 🗱	c Lbs/	gal mud weightBenton entoniteBentonite-ceme	ite-slurry    31
Describe	🐰	e. <u>14.1</u> Ft ³ v	olume added for any of the al	nitgiout <b>ke</b> 50 pove
17. Source of Water (attached analysis if required):		f. How installe	The state of the s	Tremie 🛘 01
City of Madison	I 🞇		Iremie	pumped □ 02 Gravity 図 08
	24.4.6	6. Bentonite se	eal: a. Granular B	entonite 🛮 33
E. Bentonite seal, top ft. MSL or	<del>74.4</del> ft.	[20]	☑ 3/8 in. ☐ 1/2 in. bentonit	·
F. Fine sand, top ft. MSL or	ft.		erial: Manufacturer, product name	— Other □ e and mesh size
G. Filter pack, top ft. MSL or 10	<u>)4.7</u> ft.	First /	ldedft ³	
H. Screen joint, top ft. MSL or	10.0 ft.	8. Filter pack ma a. <u>Red Fl</u>		ne and mesh size
I. Well bottom ft. MSL or	10.0 #	b. Volume ad		
		9. Well casing:	Flush threaded PVC sch Flush threaded PVC sch	nedule 80 🛛 24
J. Filter pack, bottom ft. MSL or	12.0	10. Screen mate		Other 🗖
K. Borehole bottom ft. MSL or	12.0 ft.	a. Screen ty		actory cut 自 1 î nuous slot 図 0 1
L. Borehole diameter 8.0 in.		h Manufacti		Other 🗖
M. O.D. well casing 2.3 in.		b. Manufactı c. Slot size:		<u>.010</u> in.
N. I.D. well casing in.			ngth: erial (below filter pack):	
I hereby certify that the information on this form is true	and correct to the best of r	ny knowledge.		
Signature	Firm ARCAE 126 N.	DIS Jefferson Street		
		ukee, WI (414) 276-7742		

Department or Natural Resources	atershed/Wastewater	Waste Management  Other	MONITORING WEI Form 4400-113A	LL CONSTRUCTION 7/98
Facility/Project Name Madison-Kipp	Local Grid Location of We		Well Name MW-20D	
Facility License, Permit or Monitoring Number	Local Grid Origin		Wis. Unique Well Number	DNR Well Numbe
Facility ID 113125320	St. Plane 400140.85	5 ft. N, 2144078.06 ft. E	Date Well Installed	
Type of Well	Section Location of Wast	e/Source _ 5 ~ 7 N.B. 10 🖼 E	11/18/2012 Well Installed by: Name (first	t. last) and Firm
Well Code/  Distance from Waste/ Enf. Stds	Location of Well Relative Upgradinet	to Waste/Source  ☐ Sidegradient	Todd Schmelfeldt	
Sourceft. Apply □ A. Protective pipe, top elevation 867.36	☐ Downgradient	<u>III Not Known</u> 1. Cap and l	Boart Longyear	☑ Yes □ No
B.Well casing, top elevation 866.96		2. Protective	e cover pipe:	M Tes LI NO
C.Land surface elevation 867.36	` I <b>⊢</b>		diameter:	8 in. 1.0_ft.
D. Surface seal, bottom 866.36 ft MSL or	·	b. Lengti c. Materi		Steel 🛛 04
12. USCS classification of soil near screen:  GP GM GG GW SW SW SM SC ML MH CL	SP CH	1 196 / 7 1971	onal protection? describe:	☐ Yes ☑ No
Bedrock ☑  13. Sieve analysis attached? ☐ Yes ☑	No.	3. Surface se	eal:	Bentonite □ 30 Concrete 図 01
		(00)	tland Cement	Other 🔲
14. Drilling method used: Rotary   Hollow Stem Auger □	I Marie	4. Material b	etween well casing and protec	tive pipe: Sentonite 🗵 30
Other 🛘				pace seal 🔲 🔔
15. Drilling fluid used: Water □ 02 Air □	I MON		pace seal: a. Granular/Chipped E	
Drilling Mud ☑ 0.3 None ☐ 16. Drilling additives used? ☐ Yes ☑	No No		s/gal mud weightBentonite-s s/gal mud weightBenton	
3		d. <u>5</u> %1	BentoniteBentonite-ceme	ent grout 🛛 50
Describe	— I 🕷	e. <u>13.1</u> Ft ³	volume added for any of the al	bove Tremie <b>□</b> 01
17. Source of Water (attached analysis if required):  City of Madison		i. How mistan		pumped □ 02
City of Madisori				Gravity 🛛 08
E. Bentonite seal, top ft. MSL or	38.5 ft.	6. Bentonite	seal:	Bentonite 🔲 33
F. Fine sand, top ft. MSL or	49.9 ft.	1304		Other 🗖
		a Choke	aterial: Manufacturer, product namers and 40/30 fine	e and mesh size
G. Filter pack, top ft. MSL or	54.9 ft.	b. Volume a	addedft ³ naterial: Manufacturer, product nan	ne and mesh size
H. Screen joint, top ft. MSL or	60.0_ft.	a. Red F	lint #40	
I. Well bottom ft. MSL or	90.0 ft.	b. Volume a 9. Well casino		hadula 40 🖂 a a
J. Filter pack, bottomft. MSL or		9. Well casing	Flush threaded PVC sci	
		10. Screen ma	terial: PVC	
K. Borehole bottom ft. MSL or	42.0 ft.	a. Screen t	• •	actory cut 🔲 11 nuous slot 🔯 01
L. Borehole diameter 8.0 in.		h Manufas		Other 🗖
M. O.D. well casing 2.3 in.		b. Manufac c. Slot size:		<u>.010</u> in.
N. I.D. well casing 2.0 in.		d. Slotted l 11. Backfill ma	ength: terial (below filter pack): Bentonite	<u>30</u> ft. None □14 Other <b>⊠</b>
I hereby certify that the information on this form is true	and correct to the best of	my knowledge.		
Signature	Firm ARCAI	DIS		<del></del>
Ting C.		Jefferson Street ukee, WI (414) 276-7742		

State of Wisconsin Department of Natural Resources Route to:		Vastewater X	Waste Managen	nent	MONITORING WE Form 4400-113A	LL CONST	<b>RUCTION</b> 7/98
Facility/Project Name		rid Location of Well		е. Ш	Well Name		
Madison-Kipp	.	ft.		ft. 🖁 🖔	MW-20D	2	
Facility License, Permit or Monitoring Numbe		id Origin	<u> </u>		Wis. Unique Well Number		Well Numbe
,		I	_ong	or			
Facility ID .	St. Plane	400140.88	1N 21440	)77.75 ft F	Date Well Installed		
113125320		Location of Waste/			11/18/2012		
Type of Well				.R <u>10</u> ₩.	Well Installed by: Name (firs	t last) and	Firm
		of <u>SW</u> 1/4 of Sec_ n of Well Relative to		, <u>R _10 </u>	0 1		FIIIII
Distance from Waste/ Enf. Stds. Sourceft. Apply	_   🗆 '	i of well Relative to Jpgradinet Downgradient		gradient Known	Todd Schmelfeldt Boart Longyear		
A. Protective pipe, top elevation867.36	ft. MSL			1. Cap and lo	ck?	✓ Yes	□ No
B. Well casing, top elevation 867.04	ft.MSL			2. Protective	cover pipe:		
		Ή		a. Inside di			8 in.
C. Land surface elevation <u>867.36</u>	ft.MSL			b.Length:			1.0_ ft.
D. Surface seal, bottom 866.36 ft MSL or	ft.			c. Material	: 	Steel Other	
12. USCS classification of soil near screen:			1000	d. Addition	nal protection?	Yes	☑ No
GP□ GM□ GC□ GW□ SW□		<i>  \ \ \</i>	3//	If yes, de	escribe:		
SM □ SC □ ML□ MH □ CL □  Bedrock □	_ CH □	\S			,	Bentonite	<b>3</b> 0
		l 💹 🛭	<b>88</b> \	<ol><li>Surface sea</li></ol>	1.	Concrete	
13. Sieve analysis attached?	⊠ No		<b>8</b>	Portla	and Cement	Other	
14. Drilling method used: Rotary	☑ 50	l 🏁 🛭	<b>&amp;</b> _	4. Material bet	tween well casing and protec		ш
Hollow Stem Auger		l 888 8	83			Bentonite	<b>X</b> 30
— Other		l 💹 i	<b>X</b>		Annular s	pace seal	
		l 881 8	X	Se-	·	Other	
·-·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·	□ 01		88 5	. Annular spa	ce seal: a. Granular/Chipped I	Bentonite	□ 33
Drilling Mud 🖾 0 3 None	□ 99	l 1881 K			gal mud weightBentonite-s		□ 35
16. Drilling additives used?	<b>⊠</b> No				gal mud weightBentor		<b>□</b> 31
		l 888 6			entoniteBentonite-ceme		☑ 50
Describe			CMM		olume added for any of the a		_
17. Source of Water (attached analysis if required):			<b>‰</b> ^{т.}	. How installed		Tremie	
City of Madison			X		Iremie	pumped Gravity	
		· 💹 🖁	88 -	Danton't	l	,	_
E. Bentonite seal, top ft. MSL or	94.5 ft		XX /°	Bentonite se			
		<u> </u>	<b>X</b>	D, □1/4 In.	<b>⊠</b> 3/8 in. □1/2 in. bentoni		
F. Fine sand, top ft. MSL or	ft.		<b>X</b> / -7		erial: Manufacturer, product nam	Other ne and mesh	
G. Filter pack, top ft. MSL or	<u>104.7</u> ft.		7	a b. Volume ad	dedft ³		
H. Screen joint, top ft. MSL or	110.0 ft.~		* / *	i. Filter pack ma a. <u>Red Fli</u>		me and mes	n size
	440.0			b. Volume add	dedft ³		
I. Well bottom ft. MSL or	140.0 ft.		9	. Well casing:	Flush threaded PVC so Flush threaded PVC so		
J. Filter pack, bottom ft. MSL or	_142.0_ft.~		<b> </b>			Other	
K. Borehole bottom ft. MSL or	_142.0_ft.		710	. Screen mate a. Screen ty		actory cut	<b>1</b> 1
						nuous slot	
L. Borehole diameterin.			2	L NA	urer Johnson	Other	<b></b>
M. O.D. well casing 2.3 in.				<ul><li>b. Manufactu</li><li>c. Slot size:</li></ul>	nei <u>addingadi</u>	,	
wi. O.D. werreasing III.				d. Slotted ler	nath.		010_in. 30_ft
N. I.D. well casing 2.0 in.			11.		rial (below filter pack):	None	14
						Othe	r 🗆 💶
I hereby certify that the information on this form is	true and corre	ct to the best of my	knowledge				
Signature		Firm ARCADIS					
		126 N. Je	fferson Street ee, WI (414) 2	76-77 <b>4</b> 2			

State of Wisconsin Department of Natural Resources		ershed/Wastewater	Waste Manag	gement  Other		<b>TORING WEL</b> I 400-113A	L CONST	RUC	<b>TION</b> 7/98
Facility/Project Name	- Nemedian	Local Grid Location of W	'ell		Well Name			-	_
Madison-Kipp		ft. 📙	Ŋ. 	ft. 🖁 🖔		MW-21D			
Facility License, Permit or Mo	nitoring Number	Local Grid Origin		<del></del>	Wis. Unique Wel	ll Number	DNR	Well	Numbe
,	-	Lat	Long	or					
Facility ID	· · ·	St. Plane 400110.83	$3_{\rm ftN}$ $214$	4075.86 ft.E	Date Well Instal	led	<u> </u>		
113125320		Section Location of Was			11/17/2	012			
Type of Well				10 🔼 🕏	Well Installed by		last) and	Firm	
Wel	I Code/	1/4 of SW_ 1/4 of Se	to Wasta (Source	N,R _10	1		, 1031, 0110	,	
Distance from Waste/ Sourceft.	Enf. Stds. Apply 🏻	☐ Upgradinet ☐ Downgradient	☐ Si	ce idegradient ot Known	Todd Sci Boart Lo	hmelfeldt ongyear			_
A. Protective pipe, top elevation	on <u>867.77</u> f	t.MSL		1. Cap and lo	ck?		☑ Yes		No
B. Well casing, top elevation	867.49	t MSI		<ul><li>2. Protective</li></ul>				_	
= 1		i F	$\exists 1$	a. Inside di				8	in.
C. Land surface elevation	<u>867.77</u> f	t.MSL		b. Length:			_	1.0	
D. Surface seal, bottom <u>866</u> .		ft.		c. Material	: 		Steel Other	XI	0 4
12.USCS classification of soil		_   5000	1	7	nal protection?		Yes	X	No
GP GM GC	GW SW SW		13//	If yes, de	escribe:				
SM □ SC □ ML □  Bedrock ☑	MH□ CL□ (	CH D   N				R	entonite	п	30
		888	<b>1888</b> /	<ol><li>Surface sea</li></ol>	l:		Concrete		
13. Sieve analysis attached?	☐ Yes	°   88	<b> </b>	Portla	and Cement		Other		
14. Drilling method used:	Rotary 🛛 5	50 <b>88</b>		4. Material be	tween well casing	g and protect			
	ow Stem Auger 🔲 4	11	<b>883</b>			-	entonite	(3)	30
	—— Other □ .	1881	<b>1888</b>			Annular sp	ace seal		
	_		888	-			Other		
15. Drilling fluid used: Water		NOTE:	<b>888</b>	5. Annular spa	ce seal: a. Granula	ar/Chipped B	entonite		33
Drilling Muc	d⊠03 None 🗆 9	9   88	<b>1888</b>		gal mud weight				3 5
16. Drilling additives used?	☐ Yes 🖾 🗈	Vo 🔀	888		gal mud weight				
l			<b>***</b>		ntoniteBen			X	50
Describe		— I 👹	<b>XX</b>		olume added for	any of the ab		_	
17. Source of Water (attached an	alysis if required):		<b>XX</b>	f. How installe	d:	Tuamia	Tremie		
<u>City of Madison</u>			888			rrenne p	oumped Gravity		
		<del></del>	<b>XX</b>	6 Dantaulta a	.al.	a. Granular Be	,	_	
E. Bentonite seal, top	ft. MSL or42	2.0 ft.		6. Bentonite se					
		. \		D. □1/4 In.	<b>⊠</b> 3/8 in. □1/2	z in. bentonit			
F. Fine sand, top	ft. MSL or <u>50</u>	0.0 ft.		7. Fine sand Mat	erial: Manufacturer,	product name			
G. Filter pack, top	ft. MSL or <u>55</u>	0 #	<b>N</b>	a. <u>CHOKE</u> b. Volume ad	sand 40/30 fir	ft ³		_	
G. Filter pack, top	IC. MISE OI							-t-	_
H. Screen joint, top	ft. MSL or <u>60</u>	.2_ft.		a. <u>Red Fli</u>			e and mes	in siz	e 
			1 /	b. Volume ad	•	ft ³			
I. Well bottom	ft. MSL or <u>90</u>			9. Well casing:		aded PVC sch aded PVC sch			
J. Filter pack, bottom	ft. MSL or <u>93</u>	.3_ft.		-10. Screen mate			Other		
K. Borehole bottom	ft. MSL or17	2.5 ft.		a. Screen mate			ctory cut	: <b>_</b>	11
L. Borehole diameter 8.0						Contin	nuous slo		
L. Borehole diameter8.0	in.			b. Manufactu	_{irer} Johnso		Other		
M. O.D. well casing 2.3	in,			c. Slot size:	irer <u>Johnso</u>	711		010	· · ·
M. O.D. well casing 2.3				c. Slot size: d. Slotted ler	eath:			<u>ง เบ</u> 30	in.
N. I.D. well casing	in.		`		rial (below filter _l	pack):	Non	e	14
N. I.D. WEN Casing					Bentonite		Othe		
								_	_
I hereby certify that the informat	ion on this form is true a								
Signature		Firm ARCA 126 N	DIS . Jefferson Stre	eet					
		Milwa	ukee, WI (414	7) 276-7742					

State of Wisconsin Department of Natural Resources Rou		ershed/Wastewater	<b>_</b>	Management C	]	MONITORING WEI Form 4400-113A	LL CONSTI	RUCTION 7/98
Facility/Project Name	Nemedial	Local Grid Location	of Well		J — E.	Well Name		
Madison-Kipp		ft.	<u> </u>	ft.	₽ Ev.	MW-21D2		
Facility License, Permit or Monitorin	g Number	Local Grid Origin Lat	Long		or	Wis. Unique Well Number	DNR	<i>N</i> ell Numbe
Facility ID		St. Plane 400110		2144075.6		Date Well Installed	.1	
113125320		Section Location of	Waste/Source			11/17/2012		
Type of Well Well Code	. /	1/4 of <u>SW</u> 1/4 of	of Sec_5_T	7 _{N,R} 10	_ ⊠ E. W.	Well Installed by: Name (firs	t, last) and	Firm
-	nf. Stds.	Location of Well Rela	ative to Waste,	/Source		Todd Schmelfeldt		
	nr. stas. apply	☐ Upgradinet☐ Downgradier		<ul><li>☐ Sidegradien</li><li>☑ Not Known</li></ul>	t	Boart Longyear		
A. Protective pipe, top elevation			<b>—</b>	1. Cap	and lo		<b>⊠</b> Yes	□ No
B. Well casing, top elevation	867.46	ft.MSL ———				cover pipe: iameter:	9	B in.
C.Land surface elevation	867.77	ft. MSL			ength:			1.0 ft.
D. Surface seal, bottom <u>866.77</u>	ft MSL or <u>1</u>	ft.		c.N	/laterial	:	Steel Other	_
12. USCS classification of soil near s	creen:	3.24		d.A	ddition	nal protection?	☐ Yes	☑ No
GP GM GC GW				N II	f yes, de	escribe:		
SM □ SC □ ML□ MH [ Bedrock ☑	Cr 🗆 (	CH 🗆 📗		\ \		· .	Bentonite	□ 30
13. Sieve analysis attached?	2s 🛛 N	lo		3. Surf	ace sea		Concrete	
				\		and Cement	Other	<b></b>
14. Drilling method used:	Rotary 🛛 🗄 : m Auger 🗖 4		<b>X X</b>	4. Mate	erial bet	tween well casing and protec	tive pipe: Sentonite	101 3 D
	Other						pace seal	1000
ł			<b>X X</b>	-			Other	
15. Drilling fluid used: Water □ 0 Drilling Mud ☑ 03			<b>88 88</b>			ce seal: a. Granular/Chipped I		
		No	<b>X X</b>			gal mud weightBentonite-s gal mud weightBenton		□ 35 □ 31
i lo. Drilling additives used:	163 ДД	10	₩ ₩			entoniteBentonite-ceme		
Describe	· · · · · · · · · · · · · · · · · · ·	— I	<b>88 88</b>	e. <u>14.3</u>	<u>L</u> Ft³vo	olume added for any of the al		
17. Source of Water (attached analysis if	required):		₩ ₩	f. How i	installe		Tremie	
City of Madison			<b>X X</b>			Tremie	pumped Gravity	
			<b>X</b> X	6. Bento	onite se	eal: a. Granular B	,	_
E. Bentonite seal, top	ft. MSL or <u>9:</u>	3.0_ft.				■ 3/8 in. □ 1/2 in. bentoni		
F. Fine sand, top	ft. MSL or	ft.		/ c			Other	<b></b>
7. Title sund, cop	L M3L 01	—" //	<b>88 88</b> /	7. Fine sa	and Mat	erial: Manufacturer, product nam	e and mesh	size
G. Filter pack, top	ft. MSL or <u>10</u>	<u>4.0</u> ft.		b. Vo		dedft ³	•	
H. Screen joint, top	ft. MSL or <u>11</u>	0.0 ft.				terial: Manufacturer, product nan int #40	ne and mes	n size
	. v. 17	00.	コレ		ume add			
<u></u>	ft. MSL or <u>17</u>	_ \		9. Well o	casing:	Flush threaded PVC sci Flush threaded PVC sc	hedule 80	<b>⊠</b> 24
J. Filter pack, bottom .	ft. MSL or <u>17</u>	2.5 ft.	旦卜		n mate	rial: PVC	Other	
K. Borehole bottom	ft. MSL or <u>17</u>	2.5 ft.			reen ty	pe: F	actory cut	
L. Borehole diameter 8.0 in	n.						nuous slot —— Other	□
M. O.D. well casing 2.3 in	1.		\	b. Ma c. Slot	nufactu r size [,]	rer <u>Johnson</u>		 010_ in.
m. O.D. Well casing II	<del>-</del>			d. Slo	tted ler			510_ in. 60ft.
N. I.D. well casing 2.0 in	ո.					erial (below filter pack):		14 r
I hereby certify that the information on t	this form is true a	and correct to the bes	t of mv knowl	edge.				
Signature		Firm AF	RCADIS			-		
	-	12 Mi	6 N. Jefferso Ilwaukee, Wl	n Street (414) 276-774	2			

State of Wisconsin Department of Natural Resources		tershed/Wastewater	_		MONITORING WE Form 4400-113A	LL CONST	RUCT	<b>TION</b> 7/98
E 10: 40 1 (N	Remediat	ion/Redevelopment X		ther				
Facility/Project Name		Local Grid Location of V	Vell N.	. 🗆 Ē.	Well Name			
Madison-Kipp	<del></del>	ft. 🖥	5	ft. 🖁 👯	MW-22S			_
Facility License, Permit or Mor	nitoring Number	Local Grid Origin			Wis. Unique Well Number	DNR	Vell i	Numbe
		Lat		or				
Facility ID		St. Plane 399769.1	8 _{ft.N.} 2144	125.22 ft.E	Date Well Installed	-		
113125320		Section Location of Was			01/05/2013			
Type of Well		Section Location of was	ste/Source	□ E.			F:	
Well	Code/	1/4 of 1/4 of 5	ec T N	,R 🗖 🕅.	Well Installed by: Name (firs		Firm	ı
Distance from Waste/	Enf. Stds.	Location of their netative	to master source		Todd Schmelfeldt			
Sourceft.	Apply $\square$	☐ Upgradinet		gradient	Boart Longyear			
A. Protective pipe, top elevation		☐ Downgradient ft.MSL	□ Not					
A. Hotective pipe, top elevation	)   <u> </u>	IL. IVISL	<b></b>	1. Cap and lo		🛛 Yes		Vo
B. Well casing, top elevation	<u>874.12</u>	ft.MSL ———		2. Protective	• •		n	
C. Land surface elevation	874.45	ft.MSL	71/	a. Inside d			5	in.
C. Land Surface elevation		I.IVISE		b. Length:				п.
D. Surface seal, bottom	ft MSL or1.	<u>0ft.</u> 🙀		c. Material	:	Steel Other	_	04
12. USCS classification of soil	near screen.	2 (+ 1.d. )	125.20	d Addition	nal protection?	□ Yes	_	
GP □ GM □ GC □			X		•	□ 163	יו נגבו	NO.
		с́н 🗀 🔪 🔰 I		ir yes, at	escribe:			_
Bedrock□		··· —   <b>`</b>			. 1	Bentonite		30
13. Sieve analysis attached?	☐ Yes	. I 🗱	<b>1888</b>	<ol><li>Surface sea</li></ol>	li:	Concrete	X	0.1
15. Sieve analysis attached:	Li res Lain	···   80				Other		
_	, _	50		4. Material be	tween well casing and protec			
Minisonic Hollo	w Stem Auger 🔲 🧸	41   884	88			Bentonite		30
- WILLISOTTIC	—— Other ☑	<b>-</b> -			Annular s	pace seal		
	M	.   💸	188	12		Other		
15. Drilling fluid used: Water		NON	<b>188</b> 5	5. Annular spa	ce seal: a. Granular/Chipped	Bentonite	<b>X</b> :	3 3
Drilling Mud	<b>□</b> 0 3 None □ 9	9   🐉	1888 H		gal mud weightBentonite-s			
16. Drilling additives used?	☐ Yes 🛛 🗸	No 💮	<b>1889</b> (	Lbs/	gal mud weightBentor	nite-slurry	$\square$ :	3 1
					entoniteBentonite-ceme			
Describe N/A		🖓	<b>1888</b> 6	e Ft ³ vo	olume added for any of the a	bove		
17. Source of Water (attached ana	alvsis if required):		<b>188</b> f	. How installe		Tremie		<b>)</b> 1
		1 68	<b>188</b>		Tremie	pumped		2
City of Madis	<u>on</u>	I ISS	<b>188</b>			Gravity		
			<b>188</b>	. Bentonite se	eal: a. Granular E	Rontonito	_ :	
E. Bentonite seal, top	ft. MSL or1	<u>.0</u> ft. 🔪			■ 3/8 in. ■1/2 in. bentoni		_	
		<b>\</b>		0. 1/4 111.		•		
F. Fine sand, top	ft. MSL or2	1.0_ft. 🔪 🞇	<b>XX</b> / -	C	erial: Manufacturer, product nam	Other		
				a. <u>Unimir</u>	1 4030	ie and mesn	SIZE	
G. Filter pack, top	ft. MSL or2	1.0 ft. 3.0 ft.	7	b. Volume ad		3	_	
				. Filter pack ma	terial: Manufacturer, product nar	ne and mesl	h size	
H. Screen joint, top	ft. MSL or2	5.0_ft.		a. <u>Red Fli</u>	nt #40			
			- 11 /	b. Volume add	ded ft ³			
I. Well bottom	ft. MSL or35	5.0_ft. \	<b>]  </b>	. Well casing:	Flush threaded PVC sc		<b>X</b> 2	3
				3	Flush threaded PVC so		_	_
J. Filter pack, bottom	ft. MSL or37	7.0_ft				Other		
•				. Screen mate				
K. Borehole bottom	ft. MSL or50	).0 ft.				·		
	10 1002 01	— · · ·		a. Screen ty		actory cut		
L. Borehole diameter 8.0	in.				Conti	nuous slot		
L. Borenole diameter 0.0	In.				I a base a se	Other		
M OD	75 in.			b. Manufactu	irer <u>Johnson</u>		11	
M. O.D. well casing	<u></u> in.			c. Slot size:	.1		10	
			11	d. Slotted ler		_	10	
N. I.D. well casing	in.		11		rial (below filter pack): htonite 3/8" chips	None		I 4
					rounce 3/0 CHIDS	Other	X _	
I hereby certify that the informati	on on this form is true a	nd correct to the best of	my knowledge		· · · · · · · · · · · · · · · · · · ·			
Signature		Firm ARCA					_	_
		126 N	I. Jefferson Street					
-	<del></del>	I Milwa	aukee, Wl (414) 2	76-7742				

Department of Natural Resources	tershed/Wastewater I	Waste Management Other	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madison-Kipp	Local Grid Location of We	ft. 📙 🗓	Well Name MW-22D	
Facility License, Permit or Monitoring Number	Local Grid Origin Lat.		Wis. Unique Well Number	DNR Well Numbe
Facility ID 113125320	St. Plane <u>399769.19</u>	ft.N, 2144125.35 ft.E	Date Well Installed	
Type of Well	Section Location of Waste	□ E.	01/05/2013	land and E're
Well Code/	1/4 of1/4 of Sec Location of Well Relative		Well Installed by: Name (first Todd Schmelfeldt	, last) and Firm
Distance from Waste/ Enf. Stds. Sourceft. Apply □	Upgradinet Downgradient	☐ Sidegradient	Boart Longyear	
A. Protective pipe, top elevation 874.45	ft.MSL	1. Cap and lo		☐ Yes ☐ No
	ft.MSL	2. Protective		8 in.
C. Land surface elevation 874.45	ft. MSL	b. Length:		
D. Surface seal, bottom ft MSL or	0_ft.	c. Material		Steel <b>⊠</b> 04 _ Other □
SM SC ML MH CL C	SP CH	1 12 (	nal protection? escribe:	☐ Yes ☑ No
Bedrock ☑ 13. Sieve analysis attached? ☐ Yes ☑ N	4o	3. Surface sea	-	entonite  30 Concrete  01
14. Drilling method used: Rotary ☐ !	50	4. Material be	tween well casing and protect	Other   Cive pipe:
Minisonic Hollow Stem Auger ☐ G	41		Be Annular sp	entonite 🛛 30 pace seal 🗖
15.Drilling fluid used: Water ☑ 02 Air ☐ 0	) 1	5 Appular spa	ce seal: a. Granular/Chipped B	Other 23
Drilling Mud 🗆 0 3 None 🔲 9	9		gal mud weightBentonite-sa	
16. Drilling additives used?	No 🞇	c Lbs/9	gal mud weightBentoni	te-slurry 🔲 31
Describe N/A			ntoniteBentonite-ceme plume added for any of the ab	
17. Source of Water (attached analysis if required):	<del></del>	f. How installed		Tremie 🛮 0 1
City of Madison			Tremie	oumped 🛮 02
				Gravity 🛛 08
E. Bentonite seal, top ft. MSL or1	.0_ft. \	6. Bentonite se		entonite 📋 33
		[00]	■ 3/8 in. ■ 1/2 in. bentonit	e pellets 🔟 🔼
F. Fine sand, topft. MSL or	1.0 t	7. Fine sand Mat a. <u>Unimin</u> b. Volume ad	erial: Manufacturer, product name ı 4030	and mesh size
G. Filter pack, top ft. MSL or	1.0 ft. 3.0 ft.	HH /		1
H. Screen joint, top ft. MSL or	5.0 ft.	a. Red Fli	nt #40	e and mesh size
I. Well bottom ft. MSL or 50	0.0_ft.	b. Volume add 9. Well casing:	$\frac{2.4}{\text{Flush threaded PVC sch}}$	edule 40 🛛 23
J. Filter pack, bottom ft. MSL or	0.0 ft.		Flush threaded PVC sch	
K. Borehole bottom ft. MSL or		10. Screen mate	rial: <u>PVC</u>	
L. Borehole diameter 8.0 in.		a. Screen ty	Contin	ictory cut 🛛 11
L. Borenoie diameterin.		b. Manufactu		Other 🔲
M. O.D. well casing 2.375 in.		c. Slot size:	· · · · · · · · · · · · · · · · · · ·	<u>.010</u> in.
N. I.D. well casing 2.0 in.		d. Slotted ler	ngth: rial (below filter pack):	5 ft. None ☑ 14 Other ☐
I hereby certify that the information on this form is true a Signature	Ind correct to the best of n	·		
=	126 N	Jefferson Street Ikee, WI (414) 276-7742		

State of Wisconsin Department of Natural Resources		tershed/Wastewater	4	Management C	]	MONITORING WEL Form 4400-113A	L CONST	RUC	<b>TION</b> 7/98
Facility/Project Name Madison-Kipp		Local Grid Location of	Well	ft.	<u></u> 	Well Name MW-235			
Facility License, Permit or Mon	itoring Number	Local Grid Origin				Wis. Unique Well Number	DNR	Well	Numbe
Facility ID		Lat St. Plane <u>399647.</u>		214453.52	or ft. E	Date Well Installed	<u> </u>		
113125320 Type of Well	<u> </u>	Section Location of W	aste/Source		Пг	01/03/2013	_		
Type of Well	Code/	1/4 of 1/4 of			_ 📙 🕏 v.	Well Installed by: Name (first		Firn	υ
Distance from Waste/ Sourceft.	Enf. Stds. Apply	Location of Well Relati  Upgradinet  Downgradient		Source □ Sidegradien □ Not Known	t	Todd Schmelfeldt Boart Longyear			
A. Protective pipe, top elevation		ft.MSL			and lo	ck?			No
B. Well casing, top elevation	874.20			2. Pro	tective	cover pipe: iameter:		8	in.
C. Land surface elevation	<u>874.55</u>	ft.MSL		b.1	ength:		_	1	ft.
D. Surface seal, bottom	ft MSL or1.	0ft.		c.N	/laterial		Steel Other		04
SM⊠ SC □ ML□	GW □ SW □ :	SP □ CH □		14.15		nal protection? escribe:	☐ Yes Sentonite		No 
Bedrock ☐ 13. Sieve analysis attached? [	☐ Yes	10 <b>8</b>		3. Surf	ace sea	J•	Concrete Other	X	01
14. Drilling method used:	Rotary 🔲 :			4. Mate	erial bet	tween well casing and protec			
	v Stem Auger 🔲 · Other 🛚	41 				B Annular sp			30
15. Drilling fluid used: Water	X 02 Air □ 0					ce seal: a. Granular/Chipped E			 3 3
16. Drilling additives used?		1 88		с	Lbs/	gal mud weightBentonite-sa gal mud weightBenton	ite-slurry		
Describe N/A						entoniteBentonite-ceme olume added for any of the ak			50
17. Source of Water (attached anal	ysis if required):			f. How	installe		Tremie		
City of Madiso	on	l				Tremie	pumped Gravity		
		' №	<b>3 88</b> 3	6. Bent	onite se	eal: a. Granular B	•	_	
E. Bentonite seal, top	ft. MSL or1	.0_ft		/		☑ 3/8 in. ☐ 1/2 in. bentonit		_	
F. Fine sand, top	ft. MSL or2	<u>1.0</u> ft.		C 7. Fine s	and Mat	erial: Manufacturer, product name	Other e and mesh		
G. Filter pack, top	ft. MSL or2	1.0 ft. 3.0 ft.	N. X		J <u>nimin</u> Iume ad			_	
H. Screen joint, top	ft. MSL or2	5.0 ft.				terial: Manufacturer, product nam nt #40		h siz	e
		F 0	ロレ	b. Vo	ume add	ded <u>4.9</u> ft ³			
	ft. MSL or3.	_ \		9. Well	casing:	Flush threaded PVC sch Flush threaded PVC sch			
J. Filter pack, bottom	ft. MSL or <u>3</u>	<u>/.0_</u> ft			n mate	rial: PVC	Other		
K. Borehole bottom	ft. M\$L or50	0.0 ft.		a. Sc	reen ty		actory cut nuous slot	_	
L. Borehole diameter 8.0	in.						Other	_	
M. O.D. well casing 2.375	<u> </u>			c. Slo				<u> </u>	_ in.
N. I.D. well casing2.0	in.			\ d. Slo 11. Backl	tted ler ill mate ber	ngth: erial (below filter pack): ntonite 3/8" chips	None Othe		_ ft. 14 
I hereby certify that the informatio	n on this form is true a	and correct to the best	of my knowle	edge.		<del></del>		_	
Signature		Firm ARC	ADIS						
	<del></del>		N. Jeffersor vaukee, Wl	n Street (414) 276-774	12				

Department of Natural Resources	ershed/Wastewater	Waste Management	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madison-Kipp	Local Grid Location of We		Well Name MW-23D	
Facility License, Permit or Monitoring Number	Local Grid Origin		Wis. Unique Well Number	DNR Well Numbe
Facility ID 113125320	St. Plane 399647.35	ft.N, 2144053.95 ft.E	Date Well Installed	
Type of Well	Section Location of Wast1/4 of 1/4 of Sec	c TN,R 🔲 Ë.		, last) and Firm
Distance from Waste/ Sourceft. Enf. Stds. Apply	Location of Well Relative Upgradinet Downgradient	Sidegradient	Todd Schmelfeldt Boart Longyear	
A. Protective pipe, top elevation <u>874.55</u> f	t.MSL	1. Cap and lo	ck?	☑ Yes □ No
3. 1	t.MSL	2. Protective of a. Inside di		<u>8</u> in.
C.Land surface elevation 874.55 f	t.MSL	b.Length:		1 ft.
D. Surface seal, bottom ft MSL or1.	0ft.	c. Material		Steel 🛛 04 Other 🗖
	in C	If yes, de	al protection? escribe:	□ Yes ☑ No entonite □ 30
13. Sieve analysis attached? ☐ Yes ☑ N	0	3. Surface sea	1.	Concrete 🛛 01
14. Drilling method used: Rotary 5 5 5 6 14. Drilling method used: Rotary 5 6	I APRI	4. Material bet		tive pipe:
Other 🖾 .  15. Drilling fluid used: Water 🖾 0.2 Air 🗀 0  Drilling Mud 🗀 0.3 None 🗀 9	1 100		ce seal: a. Granular/Chipped B	
The state of the s	No	c Lbs/g	gal mud weightBentonite-sa gal mud weightBentoni	te-slurry 🗖 31
Describe N/A			ntoniteBentonite-ceme clume added for any of the ab	
17. Source of Water (attached analysis if required):		f. How installed	· ·	Tremie □ 01
City of Madison			Tremie į	oumped 🔲 02 Gravity 🕱 08
	'	6. Bentonite se	al: a Granular Br	entonite 🗆 33
E. Bentonite seal, top ft. MSL or	<b>N</b>	b. □1/4 in.	■ 3/8 in. □1/2 in. bentonit	e pellets 🛮 32
F. Fine sand, top ft. MSL or	1.0 ft. 3.0 ft.	c	erial: Manufacturer, product name	— Other □ <u> </u>
G. Filter pack, top ft. MSL or	3.0 ft.	b. Volume ad	$ded \underline{\qquad 0.7 \qquad } ft^3$	
H. Screen joint, top ft. MSL or	5.0_ft.	a. <u>Red Fli</u>		e and mesh size
I. Well bottom ft. MSL or50	).0_ft.	b. Volume add 9. Well casing:	Flush threaded PVC sch	
J. Filter pack, bottomft. MSL or	0.0 ft.		Flush threaded PVC sch	nedule 80 🗖 24 Other 🗖
K. Borehole bottom ft. MSL or 50	0.0 ft.	10. Screen mate a. Screen ty		ictory cut 🛛 11
L. Borehole diameter8.0in.		<u> </u>	Contin	uous slot 🗖 0 1 — Other 🗖
M. O.D. well casing <u>2.375</u> in.		b. Manufactu c. Slot size:	rer <u>Johnson</u>	in.
N. I.D. well casing 2.0 in.		d. Slotted ler 11. Backfill mate	ogth: rial (below filter pack):	
I hereby certify that the information on this form is true a	nd correct to the best of r	ny knowledge.		
Signature	Firm ARCAE 126 N.	<del></del>		

State of Wisconsin Department of Natural Resources Route to:	Watershed/Wastewater Remediation/Redevelopment	Waste Mana	igement[	MONITORING WELL CONSTRUCTI Form 4400-113A Rev. 7-98	ION
Facility/Project Name	Remediation/Redevelopment Local Grid Location of Well ft.	□Ř.	ft.   E.	Well Name MW-24	
Facility License, Permit or Monitoring N	).  Local Grid Origin 🔲 (esti	mated: 🔲 ) or	Well Location  or	Wis. Unique Well No. DNR Well ID No	o.
Facility ID	St. Planeft.		ft. E. S/C/N	Date Well Installed 3, 2 8, 1 3	<u></u>
Type of Well	Section Location of Waste/S		N.R. DE	m m d d y v v Well Installed By: Name (first, last) and I	<u>Y                                    </u>
Well Code/	1/4 of 1/4 of Se			Balger State Orlling	
Distance from Waste/ Enf. Stds.	<ul> <li>Location of Well Relative to u ☐ Upgradient s</li> </ul>	Waste/Source ☐ Sidegradient	Gov. Lot Number		)
Sourceft. Apply	d Downgradient n	☐ Not Known		Alex Plummer	· 
A. Protective pipe, top elevation	ELISH AL MSL		. Cap and lock?	Ø Yes □ N	o
B. Well casing, top elevation	_ = 3 _ ft. MSL		2. Protective cover   a. Inside diameter		in.
C. Land surface elevation	OOft. MSL		b. Length:		ft.
	WALLES OF	-	c. Material:	Steel 🗵	04
D. Surface seal, bottom ft.	ASL or IL.				
12. USCS classification of soil near scr		Market	d. Additional pro		lo
GP GM GC GW G	SW   SP		If yes, describ		
SM □ SC □ ML□ MH□  Bedrock □	CL LI CH LI		3. Surface scal:	Donation -	30
######################################	Yes Z No				01
150 T		<b>                                     </b>		Other 🗆	
	lotary 50	# ##	i. Material between	well casing and protective pipe:  Bentonite	3.0
Hollow Stem	Other 🗆				30
_ (	Omer L ***			C 1 (CL) 12	33
15. Drilling fiuid used: Water □ 0 2	Air 🗆 01		5. Annular space se		35
Drilling Mud □ 0 3	None 🗆 99				31
10 807 30 30 8090 109			d % Bentor	ite Bentonite-cement grout [	
16. Drilling additives used?	Yes □ No	8 ₩		volume added for any of the above	
		<b>X X</b>	f. How installed		0 1
Describe				Tremie pumped 🔲	02
17. Source of water (attach analysis, if n	equired):	<b>3 8</b> 3			08
			6. Bentonite seal:		33
80 80 0 0	1 6		b. □1/4 in. Ø		32
E. Bentonite seal, topft. l	ISL or IL.		С	Other 🛚 🖁	<b>#</b> #
F. Fine sand, top ft.	ISL orft.		The second secon	al: Manufacturer, product name & mesh s $40 - CoO$	size
C Filter and the ft l	ISL or 38 ft.		a. OHIO b. Volume added		
				ial: Manufacturer, product name & mesh	ci7 <i>e</i>
H. Screen joint, top ft. I	ISL or _ 30 ft.		a OHIO	45	31ZC
	1SL or _ 40_ft.		b. Volume adde		12
	1		9. Well casing:		23 24
I. Filter pack, bottomft. l	ISL or _ 43_ft.	1000		Other 🗆	
	ISL or 43 ft.	1	0. Screen material:	sch 40 PVC	
K. Borehole, bottom ft. I	15L or [ = 1L		a. Screen type:		11
L. Borehole, diameter 8,0 in		.3		Other	
	122			MONO PIEX	
M. O.D. well casing 2.36 in	· ·		<ul><li>c. Slot size:</li><li>d. Slotted length</li></ul>	0. <u>0.</u>	
N. I.D. well casing2.0 in			1. Backfill material	(below filter pack): None	14
I hereby certify that the information on t	nis form is true and correct to the	he best of my kno	wledge.		
Signaturo	Firm		a Drillian	T.10	

D. Surface seal, bottom 886.47 ft MSL or 0.5 ft.    12. USCS classification of soil near screen:	Department of Natural Resources	Watershed/Waste		e Management 🔲 Other 🔲	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Eacility ID	· ·	Local Grid Lo				
Section   Sect			rigin		Wis. Unique Well Number	DNR Well Number
Type of Well   Well Code		St. Plane <u>3</u>	98730.9 ft.N,	2144829.8 ft.E	Date Well Installed	1
Distance from Waster   Enf Style,   Apply   Disparation   Soldegradient   So	Type of Well	1/4 of	1/4 of Sec	TN,R 🛮 E.	,	t, last) and Firm
8.86.69 ft. MSL  CLand surface elevation  886.69 ft. MSL  CLand surface elevation  886.69 ft. MSL  D. Surface seal, bottom  886.47 ft. MSL or  Seel 80 04  d. Additional protection?	Distance from Waste/ Enf. Stds. Sourceft. Apply □	□ Upgr	adinet	☐ Sidegradient		dt
3. Surface seal, bottom   886.97   ft. MSL or   0.5   ft.						☑ Yes □ No
D. Surface seal, bottom   886.47   ft MSL or   0.5   ft.	3- 1		<b>──</b> サ□\��			<u>12</u> in.
District seal   District   Dist	C. Land surface elevation 886.97	ft. MSL		_		1.0 ft.
If yes, describe:	D. Surface seal, bottom $\underline{886.47}$ ft MSL or $\underline{}$	<u>0.5</u> ft.		c. Material	:	
3. Surface seal:   Concrete   0   1   14. Drilling method used:   Rotary   25   50   Hollow Stem Auger   41   Other   15. Drilling fluid used:   Water   0   2   Air   0   1   Other   15. Drilling fluid used:   Water   0   2   Air   0   1   Other   15. Drilling fluid used:   Water   0   2   Air   0   1   Other   15. Drilling fluid used:   Water   0   2   Air   0   1   Other   15. Drilling dud   0   3   None   9   9   16. Drilling additives used?   Yes   28   No   Describe   17. Source of Water (attached analysis if required):   City of Madison Public Water   18. Drilling additives used?   775.97   ft. MSL or   111.0   ft.   Filme sand, top   770.97   ft. MSL or   118.0   ft.   Filme sand, top   766.97   ft. MSL or   120.0   ft.   Filme sand Material Manufacturer, product name and mesh size   a. Granular Bentonite   3   3   5   Drilling additives   130.0   ft.   See Bentonite seal:   a. Granular Bentonite   3   3   5   Drilling additives   120.0   ft.   See Bentonite   120.0   ft.	GP□ GM□ GC□ GW□ SW□ SM□ SC□ ML□ MH□ CL□			1	escribe:	☐ Yes <b>灯</b> No
14. Drilling method used:   Rotary     50   Hollow Stem Auger   41   Other	_	I No		3. Surface sea	l.	Concrete 🛛 01
Hollow Stem Auger	14 Drilling method used: Rotary <b>N</b>	1 50		4 Material bet	ween well casing and protec	
15. Drilling fluid used: Water © 0.2 Air Drilling Mud © 0.3 None 999  16. Drilling additives used? Yes No Describe 17. Source of Water (attached analysis if required): City of Madison Public Water  E. Bentonite seal, top 775.97 ft. MSL or 116.0 ft. G. Filter pack, top 768.97 ft. MSL or 120.0 ft.  H. Screen joint, top 766.97 ft. MSL or 120.0 ft.  I. Well bottom 751.97 ft. MSL or 135.0 ft.  K. Borehole bottom 656.97 ft. MSL or 230.0 ft.  L. Borehole diameter 8.0 in.  M. O.D. well casing 1.9 in.  S. Annular space seal: a. Granular Bentonite 33 b. Lb/s/gal mud weight. Bentonite-seand slurry 35 to Lb/s/gal mud weight. Bentonite-seand slurry 35 to Lb/s/gal mud weight. Bentonite-cement grout 10 to Lb/s/gal mud weight. Bentonite seal: a. Granular Bentonite 10 to Tremie 10 to Lb/s/gal mud weight. Bentonite-cement grout 10 to Lb/s/gal mud weight. Bentonite-cement grout 10 to Lb/s/gal mud weight. Bentonite-cement grout 10 to Lb/s/gal mud weight. Bentonite seal: a. Granular Bentonite 10 to Lb/s/gal mud weight. Bentonite seal: a. Granular Bent	Hollow Stem Auger	] 41		ii material set	В	entonite 🛛 3 0
16. Drilling additives used?						entonite 🗆 33
Describe	16. Drilling additives used? ☐ Yes 🛛	No No		c Lbs/	gal mud weightBentonite-cen	nent grout 🗖 31
City of Madison Public Water    City of Madison Public Water	Describe			e. <u>155</u> Ft ³ vo	plume added for any of the al	oove
E. Bentonite seal, top 775.97 ft. MSL or 111.0 ft.  F. Fine sand, top 770.97 ft. MSL or 116.0 ft.  G. Filter pack, top 768.97 ft. MSL or 118.0 ft.  H. Screen joint, top 766.97 ft. MSL or 120.0 ft.  J. Filter pack, bottom 751.97 ft. MSL or 135.0 ft.  J. Filter pack, bottom 656.97 ft. MSL or 230.0 ft.  B. Borehole bottom 656.97 ft. MSL or 230.0 ft.  B. Borehole diameter 8.0 in.  M. O.D. well casing 2.3 in.  M. O.D. well casing 1.9 in.  G. Bentonite seal: a. Granular Bentonite 33 3 2 c.  Other 32 2 3 2 c.  Other 32 2 3 2 c.  Other 32 2 3 3 2 c.  Other 32 2 3 3 2 c.  Other 32 2 3 3 2 c.  Other 33 3 2 c.  Other 34 2 3 3 2 c.  Other 35 2 3 3 2 c.  Other 36 2 3 3 2 c.  Other 37 5 1 3 3 3 2 c.  Nother 38 2 3 2 c.  Other 39 2 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 2 c.  Other 30 2 4 3 3 3 2 c.  Other 30 2 4 3 3 2 c.  Other 30 3 3 2 2 4 3 3 2 2 4 3 3 3 2 3 3 3 2 3 3 3 3				f. How installed		pumped 🛛 02
F. Fine sand, top  770.97 ft. MSL or  116.0 ft.  768.97 ft. MSL or  118.0 ft.  H. Screen joint, top  766.97 ft. MSL or  120.0 ft.  130.0 ft.  756.97 ft. MSL or  756.97 ft. MSL or  130.0 ft.  751.97 ft. MSL or  751.97 ft. MSL or  135.0 ft.  751.97 ft. MSL or  135.0 ft.  10. Screen material: PVC Sch. 80  a. Screen type:  Factory cut 11  Continuous slot 01  L. Borehole diameter  M. O.D. well casing  2.3 in.  M. O.D. well casing  1.9 in.  1.1. Backfill material (below filter pack):  None 14  3/8" Bentonite Chips  Other  1.1. Backfill material (below filter pack):  None 14  3/8" Bentonite Chips  Other  120.0 ft.  130.0 ft.	E Pontonito coal ton 775 97 ft MSL or	1110 #				Sentonite 🗖 33
H. Screen joint, top  766.97 ft. MSL or  766.97 ft. MSL or  766.97 ft. MSL or  756.97 ft. MSL or  756.97 ft. MSL or  751.97 ft. MSL or  751.97 ft. MSL or  130.0 ft.  135.0 ft.	· <del></del>				🛚 3/8 in.   □1/2 in. bentoni	
H. Screen joint, top  766.97 ft. MSL or  766.97 ft. MSL or  766.97 ft. MSL or  756.97 ft. MSL or  756.97 ft. MSL or  751.97 ft. MSL or  751.97 ft. MSL or  130.0 ft.  135.0 ft.				/	<u>nin 2040</u>	e and mesh size
I. Well bottom    756.97   ft. MSL or   130.0   ft.   130.0   ft.	G. Filter pack, top 768.97 ft. MSL or _	118.0 ft.				
I. Well bottom 756.97 ft. MSL or 130.0 ft. 751.97 ft. MSL or 751.97 ft. MSL or 135.0 ft. 751.97 ft. MSL or 751.97 ft. M	H. Screen joint, top 766.97 ft. MSL or _	120.0 ft.		a. Red I	-lint #40	le and mesh size
J. Filter pack, bottom 751.97 ft. MSL or 135.0 ft.  K. Borehole bottom 656.97 ft. MSL or 230.0 ft.  L. Borehole diameter 8.0 in.  M. O.D. well casing 2.3 in.  N. I.D. well casing 1.9 in.    Continuous slot   0.1	I. Well bottom <u>756.97</u> ft. MSL or _	130.0 ft.			Flush threaded PVC sch	
K. Borehole bottom 656.97 ft. MSL or 230.0 ft.  L. Borehole diameter 8.0 in.  M. O.D. well casing 2.3 in.  N. I.D. well casing 1.9 in.    Continuous slot □ 01	J. Filter pack, bottom <u>751.97</u> ft. MSL or _	135.0 ft.				
L. Borehole diameter 8.0 in.  M. O.D. well casing 2.3 in.  N. I.D. well casing 1.9 in.    D. Manufacturer Johnson   0.010 in.   10.0 ft.   10.	K. Borehole bottom <u>656.97</u> ft. MSL or _	230.0 ft.			pe: Fa	
M. O.D. well casing 2.3 in.  N. I.D. well casing 1.9 in.  C. Slot size: d. Slotted length: 11. Backfill material (below filter pack): None □ 14 Other □ 14 Other □ 15 Signature Firm ARCADIS 126 N. Jefferson Street	L. Borehole diameter $8.0$ in.					
N. I.D. well casing 1.9 in. 11. Backfill material (below filter pack): None 14 Other ■ 14    Ihereby certify that the information on this form is true and correct to the best of my knowledge.   Signature   Firm   ARCADIS   126 N. Jefferson Street	M. O.D. well casing 2.3 in.			c. Slot size:		100
Signature ARCADIS 126 N. Jefferson Street	N. I.D. well casing 1.9 in.			11. Backfill mate	rial (below filter pack):	None □ 14
126 N. Jefferson Street	I hereby certify that the information on this form is tr	ue and correct to	the best of my know	vledge.		
	Signature & part & weld & format	Firm	126 N. Jeffers			

Department of Natural Resources	shed/Wastewater Wast	te Management 🔲 Other 🦳	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
	ocal Grid Location of Well	ft.	Well Name MW-25D2	)
-	ft. S ocal Grid Origin at Long		Wis. Unique Well Number VN191	DNR Well Number
Facility ID	t. Plane <u>398730.9</u> ft. N, ection Location of Waste/Sour	2144829.8 ft. E	Date Well Installed 05/02/2013	
Type of Well Well Code /	1/4 of 1/4 of Sec	T N,R	Well Installed by: Name (first	
Distance from Waste/ Sourceft. Enf. Stds. Apply	ocation of Well Relative to Was  Upgradinet Downgradient	☐ Sidegradient	Todd Schmelfeld Boart Longyear	dt
	MSL	1. Cap and lo 2. Protective		☑ Yes ☐ No
B. Well casing, top elevation 886.68 ft.		a. Inside di		<u>12</u> in.
C. Land surface elevation <u>886.97</u> ft.		b. Length:		1.0 ft.
D. Surface seal, bottom $886.47$ ft MSL or $0.5$	_ft.	c. Material	:	Steel 図 04 _ Other □
		(	nal protection? escribe:	☐ Yes 🌠 No
13. Sieve analysis attached?  Yes  No		3. Surface sea	1.	Concrete 🖸 01
14. Drilling method used: Rotary   Hollow Stem Auger   41  —————————————————————————————————		4. Material bet	tween well casing and protect B Annular sp	tive pipe: entonite 🛛 30 pace seal 🔲
15. Drilling fluid used: Water ☑ 0.2 Air ☐ 0.1 Drilling Mud ☑ 0.3 None ☐ 9.9		5. Annular spa b Lbs/g	gal mud weight Bentonite-sa	entonite 🛛 33
16. Drilling additives used? ☐ Yes 🗵 No		d. <u>5</u> % Be	gal mud weightBentonite-cementonite Bentonite-cementonite added for any of the ab	ent grout 🛛 50
17. Source of Water (attached analysis if required):  City of Madison Public Water	_	f. How installed	d:	Tremie □ 01 pumped □ 02 Gravity □ 08
E. Bentonite seal, top <u>751.97</u> ft. MSL or <u>135</u>	<u>O_ft.</u>	6. Bentonite se	al: a. Granular B  Ճ 3/8 in. □1/2 in. bentonit	entonite 🔲 33
F. Fine sand, top ft. MSL or	ft.	/ c	erial: Manufacturer, product name	Other 🗖
G. Filter pack, top <u>728.97</u> ft. MSL or <u>158</u>	ft.	a. N/A b. Volume ad	NI/A	
H. Screen joint, top <u>726.97</u> ft. MSL or <u>160</u>	0_ft.	8. Filter pack ma a. <u>Red I</u>	terial: Manufacturer, product nam F <b>lint #40</b>	ne and mesh size
I. Well bottom <u>716.97</u> ft. MSL or <u>170</u>	<u>0</u> ft.	b. Volume add 9. Well casing:	ded $\frac{23.7}{\text{Flush threaded PVC sch}}$ ft 3	nedule 40 □ 23
J. Filter pack, bottom 711.97 ft. MSL or 175	0 ft.	y, well cashing.	Flush threaded PVC sch	
K. Borehole bottom <u>656.97</u> ft. MSL or <u>230.</u>	<u>0</u> ft.	10. Screen mate		actory cut <b>☑</b> 11
L. Borehole diameter 8.0 in.				nuous slot   0 1  Other
M. O.D. well casing 2.3 in.		b. Manufactu c. Slot size:	rer <u>Johnson</u>	0.010 in.
N. I.D. well casing 1.9 in.		d. Slotted ler 11. Backfill mate	ngth: rial (below filter pack): Bentonite Chips	
I hereby certify that the information on this form is true and	Correct to the best of my know			
Signature Dyna to the information on this form is true and	Firm ARCADIS 126 N. Jeffers			

Department of Natural Resources	ershed/Wastewater	Waste Management	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madision-Kipp Corporation	Local Grid Location of We		Well Name MW-26S	
Facility License, Permit or Monitoring Number	Local Grid Origin Lat.		Wis. Unique Well Number PM697	DNR Well Numbe
Facility ID 113125320	St. Plane <u>400493.61</u>	ft.N, 2144047.26 ft.E	Date Well Installed 08/21/2013	
	Section Location of Wasto 1/4 of 1/4 of Sec	c T N,R 🖥 E.	Well Installed by: Name (first	, last) and Firm
Distance from Waste/ Sourceft. Enf. Stds. Apply □	Upgradinet	to Waste/Source  Sidegradient  Not Known	Ryan Fett Giles Engineerir	ıg
07444	ft.MSL	1. Cap and lo		☑ Yes □ No
B. Well casing, top elevation 856.61  C. Land surface elevation 857.51	- 1 -	a. Inside di		8 in.
	\	b. Length: c. Material		
D. Surface seal, bottom 857.01 ft MSL or 0.	5ft.	C. Material	•	Other 🗖 🔼
	SP CH CH CH CH	1 12/2	al protection? escribe:	□ Yes 🗓 No entonite □ 30
13. Sieve analysis attached? ☐ Yes 🛛 N	lo 🕷	3. Surface sea		Concrete 🗖 01
14. Drilling method used: Rotary ☐ !  Hollow Stem Auger ☒ 4  — Other ☐	41	4. Material bet		tive pipe: entonite 🛛 30 pace seal 🔲 🔛
15. Drilling fluid used: Water □ 0 2 Air □ 0 Drilling Mud □ 0 3 None □ 9		5. Annular spa b Lbs/g	ce seal: a. Granular Be gal mud weight Bentonite-sa	
16. Drilling additives used?		d % Be	gal mud weightBentonite-cem ntonite Bentonite-ceme blume added for any of the ab	ent grout 🛮 50
17. Source of Water (attached analysis if required):		f. How installed	d:	Tremie □ 01 pumped □ 02 Gravity 図 08
E. Bentonite seal, top 856.51 ft. MSL or 1.	O #	6. Bentonite se		entonite 🗖 33
F. Fine sand, top 852.51 ft. MSL or 5.	(88)	1001	■ 3/8 in. □1/2 in. bentonit 1 bag	Other 🗖
G. Filter pack, top <u>851.51</u> ft. MSL or <u>6</u>		7. Fine sand Mate a. <u>#15 F</u> b. Volume ad	erial:Manufacturer, product name Red Flint ded <u>1 bag</u> ft ³	
050.66	0E (	8. Filter pack ma	terial: Manufacturer, product nam Red Flint	
H. Screen joint, top 850.00 ft. MSL or 6.	ος π.	a. #40 f	- 1 2	
I. Well bottom <u>840.66</u> ft. MSL or <u>16</u>	.85 ft.	9. Well casing:	Flush threaded PVC sch	
J. Filter pack, bottom $840.66$ ft. MSL or $16$	.85_ft.	10. Screen mate		Other 🗖
K. Borehole bottom 839.51 ft. MSL or 1	8_ft.	a. Screen typ	pe: Fa	actory cut 🛛 11
L. Borehole diameter 8.0 in.				nuous slot 🗖 0 1 Other 🗖
M. O.D. well casing 2.3 in.		b. Manufactu c. Slot size:		0.010 in.
N. I.D. well casing 2.0 in.			gth: rial (below filter pack): -lint #40	
I hereby certify that the information on this form is true a	and correct to the best of n	ny knowledge.		
Signature		olS Jefferson Street Jkee, WI (414) 276-7742		

State of Wisconsin Department of Natural Resources Rou		ershed/Waste on/Redevelor		Waste Manager O	ment	MONITORING WEL Form 4400-113A	L CONST		<b>ON</b> '98
Facility/Project Name Madison-Kipp			cation of Well  ft. S.		ft.	Well Name MW-27D			
Facility License, Permit or Monitorin	ig Number	Local Grid Or		.ong	or	Wis. Unique Well Number VN147	DNR\	Well Nui	mbe
Facility ID 113125320		St. Plane4	01658.63 f	t.N, 2143	889.24 ft.E	Date Well Installed 12/19/2013			
Type of Well Monitoring Well Well Code	e/	1/4 of	1/4 of Sec_	T N, Waste/Source	R	Well Installed by: Name (first,	last) and	Firm	
Sourceft.	Enf. Stds. Apply 🗖	□ Upgra		☐ Side		Todd Schmalfeldt Cascade Drilling			
A. Protective pipe, top elevation	862.96 f	t.MSL _		-	1. Cap and lo			□ No	
B. Well casing, top elevation	862.65 f	t.MSL —	-+	<b>N</b>	<ol><li>Protective of a. Inside di</li></ol>			12 in.	
C. Land surface elevation	862.96 f	t. MSL			b. Length:	unicter.		1.0 ft.	
D. Surface seal, bottom <u>860.96</u>	ft MSL or2	ft.			c. Material		Steel Other	04	1
12. USCS classification of soil near s  GP □ GM □ GC □ GW □  SM □ SC □ ML □ MH □  Bedrock ☑	□ SW □ S	SP 🗆 SQ			If yes, de	al protection? escribe:	☐ Yes		-
13. Sieve analysis attached?	es 🖾 N	0			3. Surface sea	l:	Concrete	<b>X</b> 01	-
14. Drilling method used:	Rotary 🛛 5			<b>X</b>		and Cement ween well casing and protect	Other		
1	m Auger 🔲 4	<b>I</b>			+. Material Det	• .	entonite	<b>X</b> 30	)
	- Other 🔲			×		Annular sp			
15. Drilling fluid used: Water □ 0 Drilling Mud 図 03		<b>I</b>				ce seal: a. Granular/Chipped B		_	
_	Yes			k c	o Lbs/g	gal mud weightBentonite-sa gal mud weightBentoni	nd slurry te-arout	□ 35 <b>⊠</b> 31	
	_			<b>XX</b> c	l % Be	ntoniteBentonite-cemei	nt grout		
Describe Quik Gel					e Ft³vo . How installed	blume added for any of the ab	ove Tremie	П 0 1	
17. Source of Water (attached analysis if	•			8 '	. now installed		umped		
Fire Hydrant (County Wa	ater)			8		·	Gravity	_	
E. Bentonite seal, top	ft. MSL or	ft.		<b>8</b> / ⁶	. Bentonite se			_	
F. Fine sand, top		ft.			c. <u>H</u>	□ 3/8 in. □ 1/2 in. bentonit ole Collapse (none)	_ Other	☒	
		_ ~ \			a. ————	erial: Manufacturer, product name	and mesn	size	
G. Filter pack, top 735.96	ft. MSL or <u>12</u>	7.0 ft.		<u> </u>		dedft ³			
H. Screen joint, top 732.96	ft. MSL or <u>13</u>	0.0_ft		* / *	a. <u>Red Fli</u>	terial: Manufacturer, product nam nt #40	e and mes	n size	
722.06	1.44	20.			b. Volume add				
	ft. MSL or 14	_ \		9	. Well casing:	Flush threaded PVC sch Flush threaded PVC sch	edule 80	☑ 24	_
J. Filter pack, bottom	ft. MSL or <u>14</u>	0.0_ft		10	. Screen mate	rial: Sch 80 PVC	_ Other		
K. Borehole bottom <u>635.96</u>	ft. MSL or <u>22</u>	7.0 ft.		10	a. Screen typ	pe: Fa	ctory cut		
L. Borehole diameter 8.0 in	n.	`			b. Manufactu		uous slot Other		
M. O.D. well casing 2.38 in	n.				c. Slot size:		<u>).</u>	 <u>)10_</u> in	١.
N. I.D. well casing 2.07 in	n.			11.		gth: rial (below filter pack): n Bentonite Hole Plug	None Othe	10 ft. 14 r⊠	
I hereby certify that the information on t	this form is true a	nd correct to t	the best of my	knowledge.					_
Signature		Firm	ARCADIS						
1) al K/	_			ee, WI (414) 2					

Department of Natural Resources	Watershed/Wastewater liation/Redevelopment		nent 🔲	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madison-Kipp	Local Grid Location		ft.	Well Name MW-27D2	
Facility License, Permit or Monitoring Number	Local Grid Origin Lat.		or	Wis. Unique Well Number VN146	DNR Well Numbe
Facility ID 113125320	_	8.43 ft.N, 21438	389.51 ft. E	Date Well Installed 12/19/2013	I
Type of Well Monitoring Well Well Code/	1/4 of 1/4	of Sec T N, lative to Waste/Source	R 🗓 E.	Well Installed by: Name (first,	last) and Firm
Distance from Waste/ Enf. Stds. Sourceft. Apply □	Upgradinet  Downgradie	☐ Side		Todd Schmalfeldt Cascade Drilling	
A. Protective pipe, top elevation 862.96	ft. MSL		1. Cap and lo		Yes □ No
B. Well casing, top elevation 862.59	_ ft.MSL ———	$+\Box$	<ol><li>Protective of a. Inside di</li></ol>		12_ in.
C. Land surface elevation 862.96	_ ft.MSL		b. Length:	anice.	
D. Surface seal, bottom 860.96 ft MSL or	2.0 ft.		c. Material	:	Steel 🛛 04 Other 🗖
12. USCS classification of soil near screen:  GP □ GM □ GC □ GW □ SW □  SM □ SC □ ML □ MH □ CL □  Bedrock ☑	SP CH CH		If yes, de	aal protection? escribe:	□ Yes ☑ No entonite □ 30
_	l No		3. Surface sea	l:	Concrete 🛮 01
				and Cement	Other 🗖 🔼
14. Drilling method used: Rotary Albaha Hollow Stem Auger		2	i. Materiai bei	tween well casing and protect	entonite 🛛 30
Other				Annular sp	
15. Drilling fluid used: Water □ 02 Air □ Drilling Mud 図 03 None □				ce seal: a. Granular/Chipped B gal mud weightBentonite-sa	entonite 🗆 33
16. Drilling additives used?	] No	<b>XXX XXX</b> C	. <u>3.3</u> Lbs/	gal mud weightBentoni	te-grout 🛛 31
Describe Quik Gel				ntoniteBentonite-cement folume added for any of the ab	
17. Source of Water (attached analysis if required):			How installed		Tremie 🗖 01
Fire Hydrant (County Water)				Tremie p	oumped 🗖 02 Gravity 🗖 08
		.6	. Bentonite se	al: a.Granular Be	entonite 🗖 33
E. Bentonite seal, top <u>712.96</u> ft. MSL or _	150.0 ft.			☑ 3/8 in. □1/2 in. bentonit 0 pounds	e pellets 🛛 32
F. Fine sand, top ft. MSL or	ft.	7.	. Fine sand Mat	erial: Manufacturer, product name	Othere and mesh size
G. Filter pack, top 701.96 ft. MSL or _	<u>161.0</u> ft.			dedft ³	
H. Screen joint, top 692.96 ft. MSL or	<u>170.0</u> ft.	8	. Filter pack ma a. <u>Red Fli</u>		e and mesh size
I. Well bottom	180.0_ft.		b. Volume add Well casing:	ded 500 pounds ft ³ Flush threaded PVC sch	edule 40 □ 23
J. Filter pack, bottom 674.96 ft. MSL or	188.0 ft.			Flush threaded PVC sch	
K. Borehole bottom 635.96 ft. MSL or	227.0 ft.	10	. Screen mate a. Screen typ		uctory cut 🛛 11
L. Borehole diameter 8.0 in.				Contin	uous slot  0 1 Other
M. O.D. well casing 2.38 in.			<ul><li>b. Manufactu</li><li>c. Slot size:</li></ul>	irer <u>Johnson</u>	in.
N. I.D. well casing 2.07 in.		11.	d. Slotted len Backfill mate	rial (below filter pack):	
			Sodium	Bentonite Hole Plug	Other
I hereby certify that the information on this form is tru					
Signature	1.	RCADIS 26 N. Jefferson Street			
1 ) 001 117	I M	1ilwaukee, WI (414) 2:	/ o- / / 42		

- apartment of Hatarai Nesources	Watershed/Wastewater Wa	ste Management  Other	MONITORING WEL Form 4400-113A	L CONSTR	RUCTION 7/98
Facility/Project Name Madision-Kipp	Local Grid Location of Well N. ft. S.	ft. 🖁 🖔	Well Name MW-28		
Facility License, Permit or Monitoring Number	Local Grid Origin Lat Lon		Wis. Unique Well Number	DNRW	Vell Number
Facility ID 113125320	St. Plane 399666.77 ft. N	2144113.37 ft.E	Date Well Installed 03/04/2015		
Type of Well Well Code/_  Distance from Waste/ Sourceft. Enf. Stds. Apply □	SW1/4 of 1/4 of Sec5  Location of Well Relative to Wa	T. 7 OR 10 W. siste/Source	Well Installed by: Name (first Chip and Joel Giles Engineering		Firm
B. Well casing, top elevation 874.05  C. Land surface elevation 874.30  D. Surface seal, bottom 873.30 ft MSL or 12. USCS classification of soil near screen:  GP GM GC GW SW	ft. MSL ft. MSL ft. MSL  ft. MSL	1. Cap and loc 2. Protective of a. Inside di b. Length: c. Material:	over pipe: ameter: al protection?	Steel   Other	in. ft.
SM SC ML MH CL Bedrock 13. Sieve analysis attached? Yes	No No	3. Surface seal	Ве	entonite [ Concrete [ Other [	
14. Drilling method used: Rotary ☐ Hollow Stem Auger ☑ Other ☐  15. Drilling fluid used: Water ☐ 0.2 Air ☐ Drilling Mud ☐ 0.3 None ☑	41 01	5. Annular spac	ween well casing and protect Be Annular sp e seal: a. Granular Be al mud weight Bentonite-sal	cive pipe: entonite beace seal gother gentonite E	30  33 35
16. Drilling additives used? ☐ Yes ☐ Describe	No	d % Ber	Tremie p	nt grout 6	<b>⊠</b> 50 □ 01 <b>⊠</b> 02
E. Bentonite seal, top <u>855.60</u> ft. MSL or	W W	/ c	<b>⊠</b> 3/8 in. □1/2 in. bentonite	e pellets D	X 32
G. Filter pack, top 849.60 ft. MSL or		/ a	rial: Manufacturer, product name	and mesh s	ize 
H. Screen joint, top <u>846.60</u> ft. MSL or <u>2</u>	27.7_ft.	8. Filter pack mate a.	erial: Manufacturer, product name	and mesh	size
No. 1. Well bottom		b. Volume adde 9. Well casing:	Flush threaded PVC sche Flush threaded PVC sche	edule 80	24
K. Borehole bottom 834.30 ft. MSL or	7777	10. Screen materi	al: PVC Sch.	_ Other E	
L. Borehole diameterin.		a. Screen type	Continu	ctory cut <b>&amp;</b> uous slot <b>c</b> — Other <b>c</b>	01
M. O.D. well casing in.  N. I.D. well casing in.		b. Manufacture c. Slot size: d. Slotted leng 11. Backfill materi	er	0.0	10 in. 0 ft.
I hereby certify that the information on this form is true Signature	Firm ARCADIS 126 N. Jeffers				

State of Wisconsin Department of Natural Resources Route To:	Watershed/Wastewater	r 🗆 Waste N	1anagement □	MONITORING WELI	L CONSTRI	UCTION
	Remediation/Redevelo	pment 🛛 Other [		Form 4400-113A	Rev. 7-98	3
Facility/Project Name	Local Grid Location of V	Well N.	_ □ E.	Well Name	200	
Madison Kipp Corp Facility License, Permit or Monitoring No.	ft	S. (estimated: $\square$ ) or	ft. W. Well Location	Wis. Unique Well No.	-298 DNR Well N	Jumber
02-13-578014	Lat '	" Long	ven Location	VS879	DIVIN WOILIN	unioci
Facility ID		=		Date Well Installed		
113125320	St. Plane Section Location of Was	II. IN,ste/Source	п. Е. S/C/N	01/16	/2018	
Type of Well	SW 1/4 of SW 1/4	Leffee 5 T 7	$\sim$ 10 $\square$ $\simeq$ E	Well Installed By: (Pers	son's Name ar	nd Firm)
Well Code 11/mw	Location of Well Relativ	ve to Waste/Source	Gov. Lot Number	Craig	Plant	
Distance from Waste/ Source ft. Enf. Stds. Apply   ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	u □ Upgradient d ☑ Downgradient	s   Sidegradient		Ground		
A. Protective pipe, top elevation	ft. MSL		- 1. Cap and lock?			□ No
	77.80 ft. MSL		<ul><li>2. Protective cover p</li><li>a. Inside diameter:</li></ul>		_	4.0 in.
C. Land surface elevation 87	<u>'5.97</u> ft. MSL		b. Length:			7.0 ft.
D. Surface seal, bottom 875.0 ft. MSL	or <u>1.0</u> ft.		c. Material:		Steel Other	□ 04
12. USCS classification of soil near screen:			d. Additional prote	ection?		□ No
	V□ SP□	<u> </u>		:		
SM □ SC □ ML □ MH □ CI	CH 🗆		-		Bentonite	
Bedrock ⊠			3. Surface seal:		Concrete	
	es 🛮 No		\			
	y □ 5 0		4. Material between	well casing and protective	e pipe: Bentonite	№ 20
Hollow Stem Auge	er 🖂 4 1					0.000
	4			l: a. Granular/Chippe		
15. Drilling fluid used: Water □ 0 2 A	ir 🗆 0 1		-	and weight Bentonite		
Drilling Mud □ 0 3 Non	e ⊠99			nud weight Ben		
16. Drilling additives used?   ⊠ Ye	os 🗆 No		d% Benton		cement grout	□ 50
10. Drining additives used:	3 110			volume added for any of		□ 0.1
DescribeN/A			f. How installed:		remie mie pumped	$\square$ 01
17. Source of water (attach analysis, if required	):			110		□ 02   □ 08
None			6. Bentonite seal:	a. Benton	nite granules	□ 33
-			b. □ 1/4 in. ⊠	3/8 in. □ 1/2 in. Ber	ntonite chips	⊠ 32
E. Bentonite seal, top ft. MSL	or ft. \		c		Other	
F. Fine sand, top <u>856.0</u> ft. MSL	or <u>20.0</u> ft.		7. Fine sand material a.	: Manufacturer, product 40/60 Badger		h size
054.0	22.0		b. Volume added			
	or <u>22.0</u> ft.		8. Filter pack materia	al: Manufacturer, produc 20/40 Badger		sh size
H. Screen joint, top 851.3 ft. MSL	or <u>24.6</u> ft		b. Volume added	4.27 ft		
I. Well bottom841.6 ft. MSL	or <u>34.4</u> ft.		9. Well casing:	Flush threaded PVC Flush threaded PVC	schedule 80	□ 24
J. Filter pack, bottom841.0_ ft. MSL	or35.0 ft.		10. Screen material:	Sch 40 PVC		_
K. D. J. J. J. W. 841.0. C. MCV	35.0		a. Screen Type:		Factory cut	
K. Borehole, bottom 841.0 ft. MSL	or35.0 ft.			Col	ntinuous slot Other	
L. Borehole, diameter8.0 in.			b. Manufacturer	Johnson Screens		
			c. Slot size:		_	0.010 in.
M. O.D. well casing 2.37 in.			d. Slotted length:		_	10.0 ft.
2.02		`	11. Backfill material (	below filter pack):		□ 14
N. I.D. well casing 2.03 in.					Other	
I hereby certify that the information on this form	is true and correct to the	hest of my knowledge				
Signature	Pi	RC Environmental Corp	oration		Tel· 609	-826-3600
		08 Heartland Trail Suite				-820-3000 -238-7156

State of Wisconsin Department of Natural Resources Route To:	Watershad/W	√astewater □	Wasta Man	nagement $\square$	MONITORING WEL	L CONSTRI	ICTION
	Remediation	Redevelopment	Other	iagement —	Form 4400-113A	Rev. 7-98	
Facility/Project Name	Local Grid Loc	cation of Well			Well Name		
Madison Kipp Corp	<u> </u>	$\square$ N. ft. $\square$ S gin $\square$ (estimated:	ft.	W.	MW-	-29D	
Facility License, Permit or Monitoring No.	Local Grid Ori	gin (estimated:	☐ ) or W	/ell Location □	Wis. Unique Well No.	DNR Well N	lumber
02-13-578014	Lat		ng	or	VS878		
Facility ID	St. Plane	ft. N,		_ ft. E. S/C/N	Date Well Installed		
113125320	Section Location	on of Waste/Source				5/2018	
Type of Well	SW 1/4 of	SW 1/4 of Sec.	5 T 7	$NR = 10 \stackrel{\boxtimes E}{\sqcap W}$	Well Installed By: (Per	son's Name ar	nd Firm)
Well Code 12/pz	Location of W	ell Relative to Waste/S	Source	Gov. Lot Number	Craig	Plant	
Distance from Waste/ Source ft. Enf. Stds. Apply	u □ Upgra d ⊠ Down	dient s $\square$ Signadient n $\square$ N	idegradient ot Known		Ground	Source	
A. Protective pipe, top elevation	ft. MSL	-		. Cap and lock?		⊠ Yes	□ No
B. Well casing, top elevation 87	77.61 ft. MSL		2	Protective cover pi     a. Inside diameter:		_	4.0 in.
C. Land surface elevation87	75.86 ft. MSL			b. Length:		_	7.0 ft.
		<u> </u>	3m218m218	c. Material:		Steel	⊠ 04
D. Surface seal, bottom 874.9 ft. MSL	or <u>1.0</u> f					Other	
12. USCS classification of soil near screen:			A CONCOR	d. Additional prote	ection?	☐ Yes	⊠ No
GP □ GM □ GC □ GW □ SV	W □ SP □		$\langle \rangle$	If yes, describe:			_
	L 🗆 CH 🗆		· \ \ ,	. Surface seal:		Bentonite	⊠ 30
Bedrock ⊠			× '	. Surface Sear.		Concrete	□ <u>01</u>
13. Sieve analysis attached? ☐ Ye	żs ⊠ No					Other	
14. Drilling method used: Rotar	ry 🛮 5 0		<b>\</b> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	. Material between v	well casing and protectiv	e pipe:	
Hollow Stem Aug						Bentonite	
HSA to 29' bgs Othe	er 🖂					Other	
			5	. Annular space sea	l: a. Granular/Chipp	ed Bentonite	□ 33
	ir ⊠01				ud weight Bentonit		
Drilling Mud □ 0 3 Nor	ne □99				ud weight Ber		
16. Drilling additives used?   □ Ye	es 🗆 No		8	d% Benton		cement grout	□ 50
10. Drining additives ased.	25 🗀 110		8 '		volume added for any of		
DescribeN/A				f. How installed:	T.		□ 01
17. Source of water (attach analysis, if required	D:				Tre	emie pumped	
, , , , , ,	,		8		_	Gravity	
None		J	× /6	Bentonite seal:		nite granules	
842.0	or <u>33.0</u>		\			ntonite chips	000000000000000000000000000000000000000
E. Bentonite seal, top 842.9 ft. MSL	or	tt.	× / 7	C	: Manufacturer, product	Offici	h cize
F. Fine sand, top 834.9 ft. MSL	or <u>41.0</u>	ft.		a	40/60 Badger		II SIZE
222			* /	b. Volume added			
G. Filter pack, top 832.9 ft. MSL	or <u>43.0</u>	ft.	3/ /8	. Filter pack materia	l: Manufacturer, produc	t name & me	sh size
020.7	45.2			a	20/40 Badger		
H. Screen joint, top 830.7 ft. MSL	or45.2	ft.		b. Volume added	ft		
925.7	50.2		9	. Well casing:	Flush threaded PVC		
I. Well bottom 825.7 ft. MSL	or	ft. \	해 경		Flush threaded PVC		
925.4 0.363	50.5				C-1- 40 DV/	Other	
J. Filter pack, bottom 825.4 ft. MSL	or	tt.	10	. Screen material:	Sch 40 PVC		!!!
825.4 0.140	50.5			a. Screen Type:		Factory cut	
K. Borehole, bottom 825.4 ft. MSL	or	tt.			Co	ntinuous slot	
60 .				1 M C 4	Johnson Screens	Other	
L. Borehole, diameter6.0 in.		*		b. Manufacturer	Johnson Screens		0.010 in.
M O D 11 2 27 ·				<ul><li>c. Slot size:</li><li>d. Slotted length:</li></ul>		_	5.0 ft.
M. O.D. well casing 2.37 in.			11	Backfill material (	helow filter nack)	None	π.
N. I.D. well casing 2.03 in.			11	. Dackiiii iliateitäi (	octow thici pack).	Other	
N. I.D. well casing 2.03 in.						Outer	
I hereby certify that the information on this form	n is true and car	rect to the best of my	knowledge				
Signature	The state of the s	Eirm		<u> </u>		T. 1. 600	026.2600
<b>5</b> ····· -		TRC Environn	nental Corpora	uion		1el: 608	-826-3600

Department of Natural Resources	tershed/Wastewater I	Waste Management D		MONITORING WEI Form 4400-113A	LL CONSTI	RUCTION 7/98
Facility/Project Name	Local Grid Location of We	<u> </u>		/ell Name		
Madison-Kipp	ft. 📙 S.	ʻ <u> </u>	B &	IW-1S		
Facility License, Permit or Monitoring Number	Local Grid Origin		V	Vis. Unique Well Number	DNR	Well Numbe
Facility ID	Lat 400117.03	Long ft.N,2144049.24	or	Pate Well Installed		
113125320			T. HL.E			
Type of Well	Section Location of Waste	e/Source 5 7 10	ME. W	11/02/2012 /ell Installed by: Name (firs	+ lact\ and	Cirm
	Location of Well Relative	5 T. 7 N,R 10	v	•	i, iasi) ariu	rii ii
Distance from Waste/ Enf. Stds. Sourceft. Apply	Upgradinet Downgradient	☐ Sidegradient ☑ Not Known		Beauford Jones Giles Engineering	& Associ	ates _
A. Protective pipe, top elevation <u>867.82</u>	ft.MSL		and lock		Yes	■ No
B. Well casing, top elevation 867.62	ft.MSL ———		ective cov side dian	ver pipe:	ç	3 in.
C. Land surface elevation 867.82	ft.MSL		ngth:	neter.		LO ft.
D. Surface seal, bottom <u>866.82</u> ft MSL or <u>1.</u>	<u>0</u> ft.	1 1	aterial:		Steel Other	<b>⊠</b> 04
12. USCS classification of soil near screen:	5.24	d. Ad	lditional	protection?	— □ Yes	⊠ No
	SP 🔲	If y	yes, desc	ribe:		
SM KO SC O ML MH O CL O	CH D			E	Bentonite	□ 30
13. Sieve analysis attached? Yes	10	3. Surfa	ce seal:		Concrete	
•		<b>8</b>			Other	
14. Drilling method used: Rotary ☐ :  Hollow Stem Auger ☒ 4	50	4. Mater	ial betwe	een well casing and protec	tive pipe: Sentonite	<b>го</b> л з О
Other □					pace seal	
		₩				
15. Drilling fluid used: Water □ 02 Air □ 0   Drilling Mud □ 03 None ☑ 9	N C N			seal: a. Granular/Chipped I		
16. Drilling additives used? ☐ Yes ☑	1 1994			mud weightBentonite-s   mud weightBenton		
				oniteBentonite-ceme		
Describe N/A	— I 👹	e. <u>1.6</u>	_Ft³volu	me added for any of the al		
17. Source of Water (attached analysis if required):		f. How in	istalled:	<b>T</b>	Tremie	
N/A	I 🞇			Iremie	pumped Gravity	
	<b>&amp;</b>	,6. Bentor	nite seal:	a. Granular B	,	_
E. Bentonite seal, top <u>859.82</u> ft. MSL or <u>8</u>	3 <u>.0</u> ft.	<b>b.</b> □1	/4 in.	☑ 3/8 in. □1/2 in. bentoni		
F. Fine sand, top <u>855.82</u> ft. MSL or <u>1</u>	2.0 ft. 4.0 ft.	c. — 7. Fine sar a. <u>Re</u> b. Volu	nd Materia	al: Manufacturer, product nam		□ size
G. Filter pack, top <u>853.82</u> ft. MSL or <u>1</u>	40 4	a. Re	d Flint			
G. Filter pack, top 853.82 ft. MSL or 1	4.0 m		ime adde	dft ³ ial: Manufacturer, product nan		1
H. Screen joint, top <u>851.82</u> ft. MSL or <u>1</u>	6.0_ft.		ed Flint	: #40	ne and mesi	1 SIZE
041.00		b. Volu	me added	1 2.5 ft ³		
I. Well bottom <u>841,82</u> ft. MSL or <u>2</u> 1		9. Well ca	asing:	Flush threaded PVC sci		_
J. Filter pack, bottom 839.82 ft. MSL or 2	8.0_ft.	_		Flush threaded PVC sci	hedule 80 Other	
K. Borehole bottom 839.82 ft. MSL or 28	3.0_ft.	10. Screen a. Scre	n materia een type:		actory cut	<b>1</b> 1 1
L. Borehole diameter 8.0 in.		<u> </u>			nuous slot Other	01
M. O.D. well casing 2.3 in.		•	ufacture	r <u>Johnson</u>		
M. O.D. well casing 2.3 in.		c. Slots	size: ted lengt	h·		) <u>10                                    </u>
N. I.D. well casing in.				l (below filter pack):		<b>X</b> 14
I hereby certify that the information on this form is true a Signature	and correct to the best of n Firm ARCAD	<del>`</del>				
	126 N.	Jefferson Street Jkee, WI (414) 276-7742	!			

Department of Natural Resources	atershed/Wastewater	-	ment 🔲	<b>MONITORING WE</b> Form 4400-113A	LL CONSTRUCTION 7/98
Facility/Project Name	Local Grid Location of W	'ell		Well Name	
Madisón-Kipp	ft. 🔒 S	N. 5. <u></u>	ft. 🖥 🗓	IW-2D	
Facility License, Permit or Monitoring Number	Local Grid Origin			Wis. Unique Well Number	DNR Well Numbe
	Lat	Long	or		
Facility ID	St. Plane 400130.42	<u>2 _{ft.N}, 2144</u>	076.80 ft. E	Date Well Installed	· <del>-</del>
113125320	Section Location of Wast	te/Source		11/20/2012	
Type of Well Well Code /	1/4 of SW 1/4 of Se	ec_5T7_N	,R <u>10 🖁 🖏</u>	Well Installed by: Name (firs	st, last) and Firm
Distance from Waste/ Enf. Stds.	Location of Well Relative Upgradinet	to Waste/Source		Todd Schmelfeldt	:
Sourceft. Apply	☐ Downgradient	☑ Side	gradient Known	Boart Longyear	
A. Protective pipe, top elevation <u>867.57</u>		<b>-</b>	1. Cap and lo	ck?	☑ Yes ☐ No
B. Well casing, top elevation 866.61	ft.MSL	7	2. Protective		
C.Land surface elevation 867.57	·		a. Inside di		<u>8</u> in. 1.0 ft.
	الم >		b. Length: c. Material		
D. Surface seal, bottom <u>866.57</u> ft MSL or <u></u>	ft.		C. Material	<b>.</b>	Other 🗖
12. USCS classification of soil near screen:		12/23/2	d. Addition	al protection?	☐ Yes ☑ No
GP GM GC GW SW G	SP 📮			escribe:	
SM □ SC □ ML□ MH □ CL □ Bedrock⊠	CH 🗆			,	Bentonite □ 30
	No No		<ol><li>Surface sea</li></ol>	ľ:	Concrete 🗖 01
15. Sieve alialysis attached!   165	NO M		Portla	and Cement	Other 🔲
14. Drilling method used: Rotary · 🖾	LIPS I	· <b>·</b>	<ol><li>Material bet</li></ol>	tween well casing and protec	ctive pipe:
Hollow Stem Auger	41				Bentonite 🛛 30
Other 🗆				Annular s	pace seal 🔲 Other 🖂
15. Drilling fluid used: Water □ 02 Air □	01		Annular cna	ce seal: a. Granular/Chipped	
Drilling Mud 🗵 0 3 None │□	99			gal mud weightBentonite-s	
16. Drilling additives used? ☐ Yes	No 💥	<b>188</b>	Lbs/c	gal mud weightBentor	nite-slurry 🗖 31
Describe				ntoniteBentonite-ceme	
	<del></del>	LEWI	e. <u>23.3</u> Ft ³ vo . How installed	olume added for any of the a	bove Tremie   01
17. Source of Water (attached analysis if required):		· '	. How installed		pumped □ 02
City of Madison	I 💹				Gravity 🛛 08
	44.0	,6	. Bentonite se	al: a. Granular f	Bentonite □ 33
E. Bentonite seal, top ft. MSL or	<del>14.0</del> ft.		b. □1/4 in.	<b>⊠</b> 3/8 in. □1/2 in. benton	
F. Fine sand, top ft. MSL or	50.0 ft 🔪 🔯		C. —		Other 🗖
	50.0 ft. 5.0 ft.	7	Tine sand Mati Choker	erial: Manufacturer, product nam sand 40/30 fine	ne and mesh size
G. Filter pack, top ft. MSL or	5.0 ft.	<b>X</b>	b. Volume ad		
			. Filter pack ma	terial: Manufacturer, product nar	ne and mesh size
H. Screen joint, top ft. MSL or 6	<u>U.U</u> ft.		a. <u>Red Fli</u>		
I. Well bottom ft. MSL or 9	0.0 # []		b. Volume add		
11. MS2-01	0.0 ft.	9	. Well casing:	Flush threaded PVC so Flush threaded PVC so	
J. Filter pack, bottom ft. MSL or	5.0_ft				Other 🗖
		10	. Screen mate		
K. Borehole bottom ft. MSL or	42.0 ft.		a. Screen ty	pe: F	actory cut 🗖 11
10.0					nuous slot 🛛 01
L. Borehole diameter10.0in.			El Maria Cara		Other 🗖
M. O.D. well casing 6.3 in.			<ul><li>b. Manufactu</li><li>c. Slot size:</li></ul>	irer <u>Johnson</u>	010 :-
			d. Slotted len	igth:	<u>010</u> in. 30 ft.
N. I.D. well casing <u>6.0</u> in.		11		rial (below filter pack):	None □ 14
			-	Bentonite	Other 🛛
I hereby certify that the information on this form is true	and correct to the best of r	ny knowledge.			
Signature	Firm ARCAI				
		Jefferson Street ukee, WI (414) 2			

State of Wisconsin Department of Natural Resources		ershed/Wastewater	Waste Manager	ment 🔲	MONITORING WEI Form 4400-113A	LL CONST	RUC	<b>CTION</b> 7/98
Facility/Project Name Madison-Kipp		Local Grid Location of V	Vell N. S.	ft.	Well Name		-	
Facility License, Permit or Monito	ring Number	Local Grid Origin Lat.		or	Wis. Unique Well Number	DNR	Well	l Numbe
Facility ID 113125320		St. Plane 400130.7	4 _{ft.N} , 2144	076.97 ft.E	Date Well Installed			
Type of Well		Section Location of Was		- 10 <b>\(\bar{\B}\)</b>	11/20/2012 Well Installed by: Name (firs	t lact) and	Eire	
Well Co		1/4 of SW_ 1/4 of S Location of Well Relativ	ec IN e to Waste/Source	<u>,R _1∪ ⊔w.</u>	Todd Schmelfeldt		, ,,,,	**
Distance from Waste/ Sourceft.	Enf. Stds. Apply	<ul><li>☐ Upgradinet</li><li>☐ Downgradient</li></ul>		gradient Known	Boart Longyear			
A. Protective pipe, top elevation	867.57	t.MSL	<b>-</b>	1. Cap and lo		X Yes		No
B. Well casing, top elevation	866.57	ft.MSL		<ol><li>Protective a.Inside d</li></ol>			8	in.
C.Land surface elevation	867.57	ft.MSL		b. Length:			1.0	_
D. Surface seal, bottom <u>866.57</u>	_ ft MSL or1	ft.	The second	c. Material	:	Steel Other		04
	V □ sw □ s	SP CH CH CH			nal protection? escribe:	☐ Yes		No 
13. Sieve analysis attached?	Yes 🗓 N	lo 🔛		3. Surface sea	li:	Concrete	X	01
		83			and Cement	Other		-
1 3	Rotary 🛛 5 tem Auger 🗖 4	50 11		4. Material be	tween well casing and proted B	tive pipe: entonite	X	30
	— Other □	💹	<b>88</b>		Annular s	oace seal .		
15. Drilling fluid used: Water		1 1300%		5. Annular spa	ce seal: a. Granular/Chipped &	Other Bentonite	ш	33
, , , , , , , , , , , , , , , , , , ,	03 None □ 9 □ Yes	No 🐰	1	b Lbs/s	gal mud weightBentonite-s gal mud weightBenton	and slurry		35
	163	``   <b> </b>	<b>1888</b> (	d. <u>5</u> % Be	ntoniteBentonite-ceme	nt grout	X	50
Describe		— I 💹		e. <u>23.5</u> Ft³vo f. How installe	olume added for any of the al		_	0.1
17. Source of Water (attached analysi	s if required):		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	. now installe		Tremie pumped	_	• '
City of Madison		I <b>I</b>				Gravity		
E. Bentonite seal, top	_ ft. MSL or95	5.0_ft.		5. Bentonite se	al: a. Granular 8 ■ 3/8 in. □ 1/2 in. bentoni		_	
	_			C	<b>20</b> 3/8 in. <b>1</b> 1/2 in. bentoni	Other		
F. Fine sand, top	ft. MSL or _ <del></del> _	— ft. 🖊 🎇	7		erial: Manufacturer, product nam	e and mesh	size	2
G. Filter pack, top	_ ft. MSL or	ft. 2.0_ft.			dedft ³		_	<del></del>
H. Screen joint, top	_ ft. MSL or	0.0 ft.	<b>1</b> / 5	3. Filter pack ma a. <u>Red Fl</u> i	terial: Manufacturer, product nan nt #40	ne and mes	h siz	:e
1. 186-11 1	_ ft. MSL or14	00.6	1/	b. Volume ad				
		20 °		). Well casing:	Flush threaded PVC sci Flush threaded PVC sci	hedule 80	X	24
J. Filter pack, bottom	_ ft. MSL or <u>14</u>	2.0 ft.	10		rial: PVC	Other		
K. Borehole bottom	_ ft. MSL or14	2.0 ft.		a. Screen ty	pe: F	actory cut nuous slot		
L. Borehole diameter 10.0	_in.					Other	_	
M. O.D. well casing 6.3	_ in.			<ul><li>b. Manufactu</li><li>c. Slot size:</li></ul>	irer <u>Johnson</u>		210	<u>)</u> in.
N. I.D. well casing 6.0	in,		11	d. Slotted ler	ngth: rial (below filter pack):	None	30	ft.
	•				<u> </u>	Othe		
I hereby certify that the information of	n this form is true a							
Signature	•	Firm ARCA 126 N	DIS I. Jefferson Street					
			ukee, WI (414) 2					

Department of Natural Resources	Route to: Solid Waste		nz. Waste	Wastewater Other	<b>MONITORING WI</b> Form 4400-113A	ELL CONSTRUCTION 4/90
Facility/Project Name	nv. Response & Repair	Local Grid Location			Well Name	
Madison Kipp		ft.		ft. 🖁 🖔	SVE-2	
Facility License, Permit or Mon	itoring Number	Local Grid Origin	шэ	14 6 7	Wis. Unique Well Number	DNR Well Numb
113125320		_	1	_	· •	DAIL WEIL HUILE
				o		
Type of Well Water Table Obser Piezometer	<u> </u>	St. Plane Section Location o	<u> </u>		02/24/2012	
Distance Well Is From Waste/S	ource Boundary	NW1/4 of SW/ 1/4	of Sec. 5	: - 7 N.P. 10 🗖 1	Well Installed by: Name (fir	st, last) and Firm
		Location of Well Re	lative to Waste	/Source	Beauford Jones	* ,
Is Well A Point of Enforcement  Yes	Std. Applications	Upgradinet		☐ Sidegradient ☐ Not Known	Giles Engineering	
A. Protective pipe, top elevatio			•	1. Cap and	<u></u>	☑ Yes ☐ No
B. Well casing, top elevation	f	t.MSL —			e cover pipe:	12
C. Land surface elevation	fi	. MSL		·	diameter:	[2 in. 1 ft
				b. Lengt c. Materi		Steel 🛛 04
D. Surface seal, bottom	It MSL or	<u> </u>				Other
12. USCS classification of soil r	near screen:	5.53		d. Additi	onal protection?	☐ Yes 🗷 No
		P 📙 📗		If yes,	describe:	
SM ☑ SC ☐ ML☐	MH CL C	H <b></b>				Dtt
Bedrock□				3. Surface s	eal:	Bentonite □ 30 Concrete 図 01
13. Sieve analysis attached?	🗖 Yes 🛛 N	0				Other
   14.Drilling method used:	Rotary 🗖 5	o		4. Material b	petween well casing and prote	
, ,	w Stem Auger 🛛 4					Bentonite □ 30
	— Other □ _					space seal 🛛
		30				Other
15. Drilling fluid used: Water		1		5. Annular si	pace seal: a. Granular	Bentonite   33
Drilling Mud	□ 03 None 🛛 9	9	<b>XX XX</b>		s/gal mud weight Bentonite	
16. Drilling additives used?	☐ Yes 🔼 N	lo			s/gal mud weightBentonite-ce	
					Bentonite Bentonite-cen	
Describe		<del></del>			volume added for any of the	
17. Source of Water (attached ana	lysis if required):			f. How instal		Tremie 🗆 01
<u> </u>			<b>80 80</b>		Iremi	e pumped □ 02 Gravity 🗷 08
				6.0		, -
E. Bentonite seal, top	ft MSLor 3.0	Off.		6. Bentonite		Bentonite   33
E. Bentonite seal, top	10, 10,000			b. ⊔1/4 ii	n. 🛮 3/8 in. 🛄 1/2 in. bentoi	nite pellets 図 32 Other □
F. Fine sand, top	ft. MSL or	<u>0_</u> ft		7. Fine sand M	laterial: Manufacturer, product na	
G. Filter pack, top	ft. MSL or <b>4.</b>	5 #		a. <u>#15</u> b. Volume	Red Flint added 1/2 Bag ft	3
<u></u>	It. WISE OF		捌 別/		naterial: Manufacturer, product na	
H. Screen joint, top	ft. MSL or <u>5</u> .	<u>0_ft.</u>		a. <u>#40</u>	Red Flint	
	11	-		b. Volume	added <u>8 Bags</u> ft	3
I. Well bottom	ft. MSL or1.	2ft		9. Well casing		
4 -	6 No 10	, ,			Flush threaded PVC s	
J. Filter pack, bottom	ft. MSL or19	<u>у</u> п		10. Screen ma	nterial: SCH, 40 PVC	Other 🗖
K. Borehole bottom	ft. MSL or1	9_ft.		a. Screen		Factory cut 1 1 1
						tinuous slot 🔯 01
L. Borehole diameter 8.25	in.					Other 🗖 🔣
M. O.D. well casing 2.38	in.		\	b. Manufa		0.010
M. O.D. well casing <u>2.38</u>	111.			c. Slot size d. Slotted		<u>0.010</u> in. 10ft.
N. I.D. well casing 2.03	in.				aterial (below filter pack):	None 🔀 14
N. I.D. well casing 2.03						Other
<del></del>						
I hereby certify that the information	on on this form is true a			ledge.		
Signature			ARCADIS 26 N. Jefferso	on Street		
		l ń	Ailwaukoe W	I (414) 276-7742		

State of Wisconsin Department of Natural Resources Route to: Solid Wast Env. Response & Repa	_	Haz. Waste Underground Tanks	☐ Wastewate		<b>MONITORING WEI</b> Form 4400-113A	LL CONSTI	RUCTION 4/90
Facility/Project Name	Local G	rid Location of Well			Well Name	<del></del>	<del></del>
Madison Kipp		ft. S.		_ft. 🖁 🖏	SVE-3		
Facility License, Permit or Monitoring Number		rid Origin			Wis. Unique Well Number	DNR	Well Numbe
113125320	Lat.	Lor	ng	or		ŀ	
Type of Well Water Table Observation Well 1	_	eft.1			Date Well Installed	<u> </u>	
Piezometer 1	2 Section	Location of Waste/So	urce		02/24/2012		
Distance Well Is From Waste/Source Boundary	NW1/4	of _SW_1/4 of Sec_5_	T N.Ŕ .	_10_ ☐ Ĕ.	Well Installed by: Name (firs	t, last) and	Firm
ft.  Is Well A Point of Enforcement Std. Application?	─ Locatio	n of Well Relative to W	aste/Source		Beauford Jones		
Yes No		Upgradinet Downgradient	☐ Sidegra		Giles Engineering		
A. Protective pipe, top elevation	_ ft, MSL	DOWNGIBUIEN		Cap and lo		X Yes	TI No.
					cover pipe:	PM 163	<u></u>
		T-I	9/	a. Inside d	iameter:	_1	<u>2</u> in.
C. Land surface elevation	_ H.MSL			b. Length:			ft.
D. Surface seal, bottom ft MSL or	1.0 ft.		FIE	c. Material	<u>.                                    </u>	Steel Other	
12. USCS classification of soil near screen:		2/25/3/      /	1753.5	d. Addition	nal protection?	Yes	XI No
GP GM GG GW SW GSM SC ML MH GCL G	SP □ CH □		//	If yes, de	escribe:		
SM 🔀 SC 🗆 ML 🗆 MH 🗖 CL 🗀 Bedrock 🗇	CH	1 200 200			F	Bentonite	<b>3</b> 0
	No		3.	Surface sea	il'	Concrete	<b>X</b> 01
			\ _			Other	<b></b>
14. Drilling method used: Rotary			4. 1	Material be	tween well casing and protec		
Hollow Stem Auger		I 🔯 🔯				Sentonite	
Other 🗆					Annular s	pace seal Other	□
15. Drilling fluid used: Water □ 02 Air □	0 1		5 /	\nnular cna	ce seal: a. Granular B		□ <u></u>
Drilling Mud ☐ 0 3 None 🏻	99				gal mud weight Bentonite-s		
16. Drilling additives used? ☐ Yes 🛛	No				gal mud weightBentonite-cen		
		i 🟻 🖼			entonite Bentonite-cem		፟ 50
Describe				Ft³v	olume added for any of the al		
17. Source of Water (attached analysis if required):		I 🔉 🔯	т. п	ow installe		Tremie pumped	
		I 🔉 🔯			neme	Gravity	
			,6. B	entonite se	eal: a. Granular B	•	
E. Bentonite seal, top ft. MSL or	3.0 ft.			b. <b>□</b> 1/4 in.	<b>☑</b> 3/8 in. □1/2 in. bentoni		
F. Fine sand, top ft. MSL or	4.0 ft.			C. ————	and the sector of the sector o		<b>-</b>
			/ /	ne sand Mat a. <u>#15 R</u>	erial: Manufacturer, product nam led Flint	e and mesn	size
G. Filter pack, top ft. MSL or	<u>4.5</u> ft.			o. Volume ad			
H. Screen joint, top ft. MSL or	5.0 ft.		8. Fi		iterial: Manufacturer, product nan Red Flint	ne and mesi	h size
				. Volume ad	10	_	
I. Well bottom ft. MSL or	<u>15      ft.</u>		9. W	Vell casing:	Flush threaded PVC scl	hedule 40	<b>2</b> 2 3
				3	Flush threaded PVC sc		
J. Filter pack, bottom ft. MSL or	<u>22</u> ft.		10 5	creen mate	erial: SCH, 40 PVC	Other	
K. Borehole bottom ft. MSL or	<u>22</u> ft.			. Screen ty		actory cut	<b>1</b> 1
L Borehole diameter 8.25 in.					Conti	nuous slot	
L Borehole diameter 8.25 in.			\ -	NA	_{urer} Johnson	Other	<b></b>
M. O.D. well casing			_	Manufactu Slot size:	net <u>Johnson</u>		
				Slotted ler	ngth:		. <u>0 10</u> in. 10 ft.
N. I.D. well casing 2.08 in.					erial (below filter pack):		<b>14</b>
_						Other	r 🗖 🔔
I hereby certify that the information on this form is true	e and corre	ect to the best of my ki	nowledge.				
Signature		Firm ARCADIS				-	
- circli			erson Street	-7742			

State of Wisconsin Department of Natural Resources Route to: Solid Water to: S		Haz.Waste Underground Tanks	Wastewater	MONITORING WEI Form 4400-113A	LL CONSTRUCTION 4/90
Facility/Project Name Madison Kipp	Local G	rid Location of Well  ft. S.	ft. 🖁 🖏	Well Name	
Facility License, Permit or Monitoring Number	Local G	rid Origin		Wis. Unique Well Number	DNR Well Numbe
113125320				i i i i i i i i i i i i i i i i i i i	DIWITTE IT WITH
			oror	Date Well Installed	
Type of Well Water Table Observation Well Piezometer	747		ft.E		
	Section Section	Location of Waste/Sou	rce 🔽 -	02/24/2012	_
Distance Well Is From Waste/Source Boundary	_ NW1/4	of <u>SW</u> 1/4 of Sec_5	T. 7 N.R 10 W.	Well Installed by: Name (firs	t, last) and Firm
Is Well A Point of Enforcement Std. Application	2. Trocano	in of well Relative to wa	ste/Source	Beauford Jones	
<u> </u>	1 🗀	Upgradinet	Sidegradient	Giles Engineering	
Yes No		Downgradient			
A. Protective pipe, top elevation	ft. MSL	-	1. Cap and lo		☑ Yes ☐ No
B. Well casing, top elevation	ft.MSL	<b>──╫┌┐</b> ╄र	2. Protective		12 .
C. Land surface elevation	— ft.MSL	IHV	a. Inside d		12 In.
C. Land surface elevation	11.1413E		b. Length:		
D. Surface seal, bottom ft MSL or _	1. <u>0</u> ft.	<u> </u>	c. Materia	l:	Steel 🛛 04
				. 13 21	Other 🗖
12. USCS classification of soil near screen:			/ .a .a	nal protection?	☐ Yes 🖾 No
GP GM GC GW SW G			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	escribe:	
SM 🖾 SC □ ML□ MH Ū CL □ Bedrock□	СПЦ	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Bentonite 🗖 30
			3. Surface sea	- 1.	Concrete 🛛 01
13. Sieve analysis attached?	X No		\		Other 🗖
14. Drilling method used: Rotary [	□ 50		4. Material be	tween well casing and protec	
Hollow Stem Auger		087 087	.,,		Bentonite □ 30
— Other					space seal 🛛 🔛
- Other I			-		Other 🗖
15. Drilling fluid used: Water □ 02 Air	<b>□</b> 01		5 Appular sp	ace seal: a. Granular B	
Drilling Mud □ 0 3 None	X 99			gal mud weight Bentonite-s	
16. Drilling additives used? ☐ Yes	X No			gal mud weightBentonite-cer	
10.Disiming additives dised:				entonite Bentonite-cem	
Describe				olume added for any of the a	
17. Source of Water (attached analysis if required):			f. How installe		Tremie 🗖 01
17. Source of Water (attached analysis in requires).					pumped 🛮 02
<u> </u>					Gravity 🛛 08
		- 88 88	6. Bentonite s	eal: a. Granular f	Bentonite 🗖 3 3
E. Bentonite seal, top ft. MSL or	<u>3.0</u> ft.		/	■ 3/8 in. ■ 1/2 in. benton	
			C	23,0 str. 21,2 m. benton	Other 🗖
F. Fine sand, top ft. MSL or	<b>4.0</b> ft.			terial: Manufacturer, product nam	
			a. #15 F	Red Flint	
G. Filter pack, top ft. MSL or	<u>4.5</u> ft.		b. Volume a	dded <u>1/2 Bag</u> ft ³	<b>;</b>
			8. Filter pack ma	aterial: Manufacturer, product nar	me and mesh size
H. Screen joint, topft. MSL or	<u>5.0_</u> ft.		a. <u>#40</u>		
			b. Volume ac	ided 7 Bags ft ³	
I. Well bottom ft. MSL or	<u>15</u> ft.		9. Well casing:	Flush threaded PVC sc	:hedule 40 🔼 23
				Flush threaded PVC so	:hedule 80 🛮 24
J. Filter pack, bottom ft. MSL or	<u>18</u> ft.	<u> </u>	<u> </u>		Other 🗖
			10. Screen mat	erial: SCH, 40 PVC	
K. Borehole bottom ft. MSL or	<u>18</u> ft.		a. Screen ty	/pe: F	actory cut 🔲 11
					inuous slot 🛛 0 1
L. Borehole diameter 8.25 in.			<u> </u>		Other 🗖
			b. Manufact	urer <u>Johnson</u>	
M. O.D. well casing 2.38 in.			c. Slot size:	<u> </u>	0.010 in.
<del>-</del>			d. Slotted le		
N. I.D. well casing 2.08 in.			11. Backfill mat	erial (below filter pack):	None 🛛 14
<del></del>			-		Other
Thought and fabruable information of this for the		net to the best of my limit	owlodgo		
I hereby certify that the information on this form is to Signature	rue and com	Firm ARCADIS	owieuge.		
Jighature - 46		126 N. Jeffe	rson Street		
		. Milwaydoo	NA (A1A) 376 77A3		

State of Wisconsin Department of Natural Resources	Route to: Solid Waste Env. Response & Repair		Haz. Waste [ Jnderground Tanks [	_	vater 🔲	MONITORING WEL Form 4400-113A	L CONST	RUCTION 4/90
Facility/Project Name Madison Kipp			id Location of Well ft. S.		ft. 🔒 🖔	Well Name SVE-5		
Facility License, Permit or Mo	onitorina Number		id Origin			Wis. Unique Well Number	DNR	Well Numbe
113125320			Lo	na	or			
Type of Well Water Table Obs	ervation Well 11		ft.	•		Date Well Installed		
Piezometer	H ₁₂					02/24/2012		
Distance Well Is From Waste	/Source Boundary	Section NW ₁ / ₄ o	Location of Waste/Soc. 5	urce T 7 N	R 10 11 W	Well Installed by: Name (first	t, last) and	Firm
Is Well A Point of Enforcemen	- 00	Location	of Well Relative to V	/aste/Source	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Beauford Jones		
_	No		pgradinet Owngradient	☐ Side	gradient	Giles Engineering		
A. Protective pipe, top elevat			owngradient		nown 1. Cap and lo		☑ Yes	П №
					2. Protective		<b>1</b> 103	<b>—</b> 110
B.Well casing, top elevation	f			9/	a. Inside di	, -	1	12 in.
C. Land surface elevation	f	t. MSL			b. Length:		_	<u>1ft.</u>
D. Surface seal, bottom	ft MSL or1.	0_ft.			c. Material	:		☑ 04
12. USCS classification of soi				X 6-10	d Addition	nal protection?	_ Other □ Yes	
E ' '	_	SP 🗆	200	A Section 2		escribe:		MI NO
SM X SC ML		H 🗖			ii yes, de	escribe;		
Bedrock□			1881 188	/,	3. Surface sea	. Fa	Bentonite	
13. Sieve analysis attached?	☐ Yes 🖾 N	o					Concrete Other	
14. Drilling method used:	Rotary 🗆 5	60		` .	4. Material be	tween well casing and protec		
	low Stem Auger 🛛 4					• ,	entonite	
	—— Other □ .					Annular s	pace seal	X
					<del>(i)</del>		Other	□
15. Drilling fluid used: Wate	er∐ 02 Air ∐ 0 id ∐ 03 None ⊠ 9					ce seal: a. Granular B		□ 33
		No	<b>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 </b>			gal mud weight Bentonite-si		
16. Drilling additives used?	Yes X	VO				gal mud weightBentonite-cen entonite Bentonite-ceme		
Describe						olume added for any of the al		<b>2</b> 30
17. Source of Water (attached a	nalysis if required):		<b>188</b> 188		f. How installe		Tremie	<b>0</b> 1
						Tremie	pumped	
							Gravity	
E. Bentonite seal, top	ft MSI or 3	O ft	<b>SM SM</b>	\ \frac{1}{2}	5. Bentonite se			
E. Bentonite seal, top	1t. M3E 01 <u></u> 1	<u> </u>	<u> </u>			<b>☑</b> 3/8 in. <b>□</b> 1/2 in. bentoní	-	
F. Fine sand, top	ft. MSL or <u>4</u>	<u>0</u> ft.		7	C. ————7. Fine sand Mat	erial: Manufacturer, product nam		□ n size
C. Files, and have	6 NG - 1	5 4			a. <u>#15 R</u>	Red Flint Ided <u>1/2 Bag</u> ft ³		
G. Filter pack, top	ft. MSL or <u>4</u> .	<u>ا ا ا</u>		/ ,		nterial: Manufacturer, product nan		·la cina
H. Screen joint, top	ft. MSL or5	<u>.0</u> ft			a. <u>#40 F</u>	Red Flint		n size
	1	_			b. Volume ad			
i. Well bottom	ft. MSL or1	<u> </u>	<u> </u>	9	). Well casing:			
J. Filter pack, bottom	ft. MSL or	0 6.				Flush threaded PVC sc	hedule 80 Other	
J. Filter pack, bottom		16.4		10	). Screen mate	erial: SCH, 40 PVC	Other	L
K. Borehole bottom	ft. MSL or <u>2</u>	<u>0</u> ft.,			a. Screen ty		actory cut	11
L. Borehole diameter 8.2	5 .					Conti	nuous slot	
L. Borehole diameter 8.2	<u>:5</u> in.			\	h Manufacti	urer <u>Johnson</u>	Other	0
M. O.D. well casing 2.3	8 in.				c. Slot size:	ulei <u>301113011</u>	0	.010 in.
					d. Slotted ler		_	10 ft.
N. I.D. well casing 2.0	<u>8</u> in.			11	. Backfill mate	erial (below filter pack):		e <b>⊠</b> 14
						<del></del>	Othe	er <u> </u>
I hereby certify that the informa	tion on this form is true a	nd corre	ct to the best of my k	nowledge.				
Signature			Firm ARCADIS	farcan Stores				
-well		1		erson Street Will (414) 7				

State of Wisconsin Department of Natural Resources Env. Response & Repa		Haz. Waste Underground Tanks	Wastewater	MONITORING WEL Form 4400-113A	L CONSTRUCTION 4/90
Facility/Project Name	Local G	rid Location of Well		Well Name	
Madison Kipp		ft. 📙 S	ft. 🖁 🖔		Lausuuu
Facility License, Permit or Monitoring Number		rid Origin		Wis. Unique Well Number	DNR Well Num
113125320	_	=	or	Date Well Installed	
Type of Well Water Table Observation Well Piezometer	շ		ft.E		
Distance Well Is From Waste/Source Boundary	Section	Location of Waste/Sourc	e XXIF.	02/25/2012	
ft.	NW1/4 c	of <u>SW</u> 1/4 of Sec_5	T. <u>7 N,</u> R <u>10</u> □ Ŵ.	Well Installed by: Name (first	, last) and Firm
Is Well A Point of Enforcement Std. Application?		n of Well Relative to Wast Jpgradinet	☐ Sidegradient	Beauford Jones	
Yes No		Downgradient	□ Not Known	Giles Engineering	
A. Protective pipe, top elevation	ft.MSL		1. Cap and lo		Yes □ No
B. Well casing, top elevation	ft.MSL		2. Protective		12 .
C. Land surface elevation			a. Inside d		<u>12</u> in.
	· .		b. Length: c. Material		Steel 🛛 04
D. Surface seal, bottom ft MSL or	1.0 ft.		C, Material	•	_ Other 🗖
12. USCS classification of soil near screen:			d. Addition	nal protection?	Yes ⊠ No
GP GM GC GW SW G	SP 🔲		If yes, de	escribe:	
SM⊠ SC □ ML□ MH □ CL □  Bedrock□	CH 🗆		/ /	D	entonite 🏻 30
	NI.	l 🔯 🔯	3. Surface sea		Concrete 🛛 01
13. Sieve analysis attached? ☐ Yes 🗵	No		\		Other 🔲
14. Drilling method used: Rotary □	50		4. Material be	tween well casing and protec	tive pipe:
Hollow Stem Auger 🛭	41	1 1881 1881			entonite 🛚 30
Other				Annular sp	pace seal 🔀
15. Drilling fluid used: Water □ 02 Air □	0.1	l 💹 💹 .			Other 🗆 💻
Drilling Mud □ 03 None ☑				ice seal: a. Granular Be gal mud weight Bentonite-sa	
-	No			gal mud weight Bentonite-ser gal mud weightBentonite-cerr	
ro. Dishing additives asca.		i 💹 💹		entonite Bentonite-ceme	
Describe				olume added for any of the al	
17. Source of Water (attached analysis if required):			f. How installe		Tremie 🛮 01
				Tremie	pumped 🗆 02
		J 👹 🎇	6 B 4 1 2 2		Gravity 🗵 08
E. Bentonite seal, top ft. MSL or	3.0 ft.		6. Bentonite se		entonite 🗖 33
		NOSI 18981	. /	<b>⊠</b> 3/8 in. □1/2 in. bentonit	Other 🗖
F. Fine sand, top ft. MSL or	<u>4.0</u> ft.		7. Fine sand Mar a. #15 F	terial: Manufacturer, product name	
G. Filter pack, top ft. MSL or	<u>4.5</u> ft.		b. Volume ac	dded1/2.Bagft ³	
H. Screen joint, top ft. MSL or	5.0_ft.		8. Filter pack ma a. <u>#40 f</u>		e and mesh size
I Well bestern	15 -		b. Volume ad	•	
I. Well bottom ft. MSL or	10 ft.		<ol><li>Well casing:</li></ol>		
J. Filter pack, bottom ft. MSL or	<u>20</u> ft.			Flush threaded PVC sch	nedule 80 ☐ 24 Other ☐
K. Borehole bottom ft. MSL or	<u>20</u> ft.		10. Screen mate a. Screen ty	<del></del>	actory cut 🗖 11
0.35			<b>-,</b>		nuous slot 🔯 0 1
L. Borehole diameter 8.25 in.			<del></del>		Other 🗖
M. O.D. well casing 2.38 in.		`	b. Manufact	urer <u>Johnson</u>	
M. O.D. well casing 2.38 in.			c. Slot size: d. Slotted le	nath:	<u>0.010</u> in. 10 ft.
N. 1.D. well casing 2.08 in.			11. Backfill mate	ngth: erial (below filter pack):	
no.wen casing in.				, F	Other
		ant an alan la ant a f to	. I o de o		
I hereby certify that the information on this form is true Signature	e and corre	Firm ARCADIS	wieuge.		
= JC:			son Street		

State of Wisconsin Department of Natural Resources Env. Response & Repair	<b>-</b>	laz. Waste und Tanks	Wastewater	MONITORING WEI Form 4400-113A	LL CONSTRUCTION 4/90
Facility/Project Name	Local Grid Location		ft	Well Name SVE-7	
Madison Kipp Facility License, Permit or Monitoring Number	Local Grid Origin		n. □ W.	Wis. Unique Well Number	DNR Well Number
1 1 3 1 2 5 3 2 0			or	Wis. ornique Weir Warnber	Divit Well Wallis
Type of Well Water Table Observation Well 11	J	_	ft.E	Date Well Installed	1
Piezometer 122	Section Location	of Masta/Source	0	02/25/2012	
Distance Well Is From Waste/Source Boundary	NW1/4 of SW 1/	/4 of Sec. 5	: T 7 NR 10 ∏ W.	Well Installed by: Name (firs	t, last) and Firm
ls Well A Point of Enforcement Std. Application?	Location of Well R	Relative to Wast	e/Source	Beauford Jones	
Yes No	☐ Upgradine		☐ Sidegradient☐ Not Known	Giles Engineering	
A. Protective pipe, top elevation		• •	1. Cap and lo		
B.Well casing, top elevation			2. Protective		
			a. Inside d		12 in.
C. Land surface elevation	IL.IVISL		b. Length:		T.
D. Surface seal, bottom ft MSL or	<u>.0</u> ft. 📚		c. Material	;	Steel 🛛 04 Other 🗖
12. USCS classification of soil near screen:	5.3		d. Addition	nal protection?	☐ Yes 🗷 No
	SP 🔲		If yes, de	escribe:	
SM SC ML MH CL D	CH 🗆 🗎				Bentonite □ 30
13. Sieve analysis attached? ☐ Yes	No.	<b>88 88</b>	3. Surface sea	.1•	Concrete 🖸 01
15. Sieve arialysis attached:	10		\		Other 🗖 🔔
· ··	50		4. Material be	tween well casing and protec	• •
Hollow Stem Auger 🖾	41				Bentonite 🛚 30 pace seal 🔣
Other L			· ·	Ailliulai 5	Other 🗖
15. Drilling fluid used: Water 🔲 02 Air 🛄 (			5. Annular spa	ce seal: a. Granular B	
Drilling Mud □ 0 3 None 🗵	99		b Lbs/	gal mud weight Bentonite-s	
16. Drilling additives used?	No			gal mud weightBentonite-cen	
Describe				entonite Bentonite-ceme olume added for any of the al	
17. Source of Water (attached analysis if required):			f. How installe		Tremie 🗀 01
				Tremie	pumped 🔲 02
					Gravity 🛛 08
E. Bentonite seal, top ft. MSL or	О н		6. Bentonite se		Bentonite 🔲 33
E. Beritorite seal, top it. MDE of				3/8 in. □1/2 in. bentoni	•
F. Fine sand, top ft. MSL or	1.0 ft.	XIII	c 7. Fine sand Mat a#15 R	erial: Manufacturer, product nam	Other 🗖 ee and mesh size
G. Filter pack, top ft. MSL or	.5 ft.		b. Volume ac	Ided1/2 Bagft ³	
H. Screen joint, top ft. MSL or	50 #-		8. Filter pack ma a. <u>#40 F</u>	terial: Manufacturer, product nan	ne and mesh size
n, screen joint, top 12 MSE 01		11-11/	b. Volume ad		
I. Well bottom ft. MSL or	5_ft.		9. Well casing:	Flush threaded PVC scl	hedule 40 🗵 23
J. Filter pack, bottom ft. MSL or	22_ft.			Flush threaded PVC sc	hedule 80 🗖 2 4 Other 🗖
K. Borehole bottom ft. MSL or	)2 ft		10. Screen mate		
			a. Screen ty		actory cut 🔲 11 nuous slot 🕱 01
L. Borehole diameter 8.25 in.			L. Manufact		Other 🔲
M. O.D. well casing		`	b. Manufacti c. Slot size:	irer <u>Johnson</u>	0.010 in.
			d. Slotted le		<u>0.010</u> iii. 10ft.
N. I.D. well casing 2.08 in.				erial (below filter pack):	None <b>⊠</b> 14 Other <b>□</b>
I hereby certify that the information on this form is true	and correct to the l	nest of my know			
Signature	Firm	ARCADIS		<u> </u>	·
The win		126 N. Jeffers Milwaukee, W	on Street /I (414) 276-7742		

State of Wisconsin Department of Natural Resources	Route to: Solid Waste Env. Response & Repair	☐ Und	Haz. Waste erground Tanks	Wastewa Ot	ater 🔲	MONITORING WEI Form 4400-113A	LL CONST	RUC	TION 4/90
Facility/Project Name		Local Grid Lo	ocation of Well		пЕ	Well Name			_
Madison Kipp		<del></del>	ft. 📙 N.	·-···	ft. 📑 ₩.	SVE-8	T =		
Facility License, Permit or Mo	onitoring Number	Local Grid O	rigin			Wis. Unique Well Number	DNR	Well	Numbe
113125320		Lat.	Long		or				
Type of Well Water Table Obs	servation Well 11	St. Plane	ft. N,		ft. E	Date Well Installed			
Piezometer	<u> </u>	Section Loca	ation of Waste/Sourc	e	<b>10</b> 1 -	02/25/2012			
Distance Well Is From Waste	/Source Boundary ft.	NW1/4 of _S	W_ 1/4 of Sec5	T. <u> </u>	R <u>10</u> ⊟ w.	Well Installed by: Name (firs	t, last) and	Firm	1
Is Well A Point of Enforceme		Location of \	Well Relative to Wast	e/Source		Beauford Jones			
	□ No	☐ Upgr	adinet ngradient	☐ Sideg	radient	Giles Engineering			
A. Protective pipe, top elevat			nginaicht.		1. Cap and lo	ck?	<b>⊠</b> Yes	п	No
					2. Protective		03		,,,
B. Well casing, top elevation					a. Inside di	iameter:		12	in.
C.Land surface elevation		lt. MSL			b. Length:		_	<u> </u>	.ft.
D. Surface seal, bottom	ft MSL or1	<u>.0</u> ft. 🙀			c. Material		Steel		
				15.5	h A L Dat		Other		
12. USCS classification of so GP ☐ GM ☐ GC ☐		SP 🗆   🗗	1   K	16.22		nal protection?	☐ Yes		
				' /	ir yes, de	escribe:			—
Bedrock□			i i i i i i i i i i i i i i i i i i i	\ \ ;	3. Surface sea	.1	3entonite		
13. Sieve analysis attached?	□ Yes 🗵 N	lo l			s. Surface sea	li.	Concrete		
		_		\			Other		
14. Drilling method used:		50		4	. Material bei	tween well casing and protec		_	2.0
	low Stem Auger 🛛 🕯 ——— Other 🗖	+1	<b>XXI XXI</b>			Annular s	Bentonite		30
•	—— Other L		<b>201 201</b>			Ailiulai 3		_	
15. Drilling fluid used: Water	er 🗆 02 . Air 🗀 0	11		5	Annular sna	ce seal: a. Granular B	entonite		3.3
	ıd 🗆 0 3 None 🛛 🤉					gal mud weight Bentonite-s		_	
16. Drilling additives used?	☐ Yes 🛛	No				gal mud weightBentonite-cer			
						entonite Bentonite-ceme		Х	50
Describe		<del></del>				olume added for any of the a			
17. Source of Water (attached a	nalysis if required):			f.	How installe		Tremie		
						iremie	pumped Gravity		
				6	Bentonite se	eal: a. Granular E	•		
E. Bentonite seal, top	ft. MSL or3	<u>.0</u> ft. 🔪	<b>XX XX</b>	/0.		a. Grandiar E ■ 3/8 in. □ 1/2 in. bentoni		_	-
					C. ———	Ja 3/g in. 🗀 1/2 in. bentoni	Other		
F. Fine sand, top	ft. MSL or4	<u>.0</u> ft. 、		7.	Fine sand Mat	erial: Manufacturer, product nam			
C. Elless was do to a	6 MGI 1	5 4			a. <u>#15 R</u>	led Flint Ided <u>1/2 Bag</u> ft ³		<u> </u>	
G. Filter pack, top	ft. MSL or <u>4</u>			/ .		terial: Manufacturer, product nar		b ci-	
H. Screen joint, top	ft. MSL or <u>5</u>	.0_ft		/"	a. <u>#40 F</u>	Red Flint	ne and mes		
					b. Volume ad	ded <u>15 Bags</u> ft ³			
I. Well bottom	ft. MSL or2	<u>0</u> ft. <		9.	Well casing:	Flush threaded PVC sc	hedule 40	X	23
		· .				Flush threaded PVC sc			
J. Filter pack, bottom	ft. M5L or2	6_ft.		<b>\</b>		CCLL 40 DVC	Other	□.	
K. Borehole bottom	ft. MSL or2	6 ft.		<b>-</b> 10.	Screen mate				
K. Borenole bottom	IL, MISE OF	<u></u> " \			a. Screen ty		actory cut nuous slot		
L. Borehole diameter 8.2	25in.					Conti	—— Other	_	U I
					b. Manufactı	urer <u>Johnson</u>			
M. O.D. well casing 2.3	18 in.				c. Slot size:		0	.010	<u>0</u> in.
	_				d. Slotted ler			15	_ ft.
N. I.D. well casing 2.0	18 in.			11.	Backfill mate	erial (below filter pack):	None	_	14
							Othe	r 📋	
I hereby certify that the informa	ation on this form is true a	and correct to	the best of my know	vledge.					
Signature	<i>A</i> **	Firm		61::	-				
			126 N. Jeffers	on Street	76_7742				

State of Wisconsin Department of Natural Resources	Route to: Solid Waste Env. Response & Repair	Haz.Wa	.5	stewater Other	MONITORING WEL Form 4400-113A	L CONST	RUCTION 4/90
Facility/Project Name		ocal Grid Location of W			Well Name	·	
Madison Kipp		ft. 📙	<u> </u>	ft. 🖁 🖔	SVE-9	L DNDW	Vell Numbe
Facility License, Permit or Mo	-	ocal Grid Origin			Wis. Unique Well Number	DINK	veii Numbe
113125320		Lat	=		Date Well Installed	l	
Type of Well Water Table Obs Piezometer	⊟₁₃L	St. Plane		ft. E	02/25/2012		
Distance Well Is From Waste,		Section Location of Was		N,R10		, last) and	Firm
Is Well A Point of Enforcemen	nt Std. Application?	ocation of well Relative	to waste/sou	rce	Beauford Jones		
	□No	<ul><li>Upgradinet</li><li>Downgradient</li></ul>		Sidegradient Not Known	Giles Engineering		
A. Protective pipe, top elevat				1. Cap and lo	ck?	☑ Yes	□ No
B. Well casing, top elevation	ft	MSI		<ul><li>2. Protective e</li></ul>		men	_
C. Land surface elevation	ft.	1 -		a. Inside di	ameter:		2 in.
		المحا		b. Length:		Charl	n. MI 04
D. Surface seal, bottom	ft MSL or1.0	_ ft. 📆 🔆 🔠	35-51	c. Material	:	Other	
12.USCS classification of so	il near screen:		1/2/	d. Addition	al protection?	☐ Yes	
GP □ GM □ GC □	GW 🗖 SW 🔲 SF	· 📙 📗		**3	escribe:		
SM  SC □ ML □ Bedrock □	MH□ CL□ CI			\	P	entonite	TT 30
<del>-</del>	ET V TOTAL			<ol><li>Surface sea</li></ol>	la .	Concrete	
13. Sieve analysis attached?	☐ Yes           X No	·   🔣	<b>XX</b>	\		Other	
14. Drilling method used:	Rotary 🗖 50			<ol><li>Material bet</li></ol>	tween well casing and protec		
	low Stem Auger 🔼 41	·				entonite	
	— Other 🗖 💄	·-   👹			Annular sı	oace seal Other	×
15. Drilling fluid used: Wate	er 🗆 02 Air 🗀 0	ı I 🎇		E. Assulances			
	ıd 🗆 0 3 None 🔼 9 9				ce seal: a. Granular B gal mud weight Bentonite-sa		□ 33 □ 35
16. Drilling additives used?	☐ Yes 🛛 N	。   🞇			gal mud weightBentonite-cen		
					ntonite Bentonite-ceme		<b>⊠</b> 50
Describe		<del></del>   🕍			olume added for any of the al		
17. Source of Water (attached a	nalysis if required):			f. How installe		Tremie pumped	
		💹			Hemic	Gravity	
		<u> </u>		6. Bentonite se	eal: a. Granular B	,	
E. Bentonite seal, top	ft. MSL or <b>3.0</b>	)ft. 🔪 🞇		b. □1/4 in.			_
E Plantal Ann	6 NG A (	, "	1908	c		Other	□
F. Fine sand, top	ft, MSL or <b>4.</b> (	一" /		7. Fine sand Mat a. <u>#15 R</u>	erial: Manufacturer, product nam	e and mesh	size
G. Filter pack, top	ft. MSL or	2_ft.			Ided 1/2 Bag ft ³		
	ft. MSL or5.0			8. Filter pack ma a. <u>#40 F</u>	terial: Manufacturer, product nan	ne and mesl	n size
n. scieen joint, top	TE MISE O(		- 11 /	b. Volume ad			
I. Well bottom	ft. MSL or20	ft	<b>1</b>	9. Well casing:	Flush threaded PVC scl	nedule 40	<b>Z</b> 23
				3	Flush threaded PVC sc	hedule 80	□ 24
J. Filter pack, bottom	ft. MSL or26	_ft.		10. Screen mate	erial: SCH, 40 PVC	Other	□
K. Borehole bottom	ft. MSL or	5ft		a. Screen ty		actory cut	<b>1</b> 1
L. Borehole diameter 8.2	25in.				Conti	nuous slot	
L. Borehole diameter	<u>-                                    </u>	122		b. Manufacti	_{urer} Johnson	Other	-
M. O.D. well casing 2.3	38 in.			c. Slot size:		0.	010 in.
•			\	d. Slotted ler		_	5 ft.
N. I.D. well casing 2.0	<u>8</u> in.			11. Backfill mate	erial (below filter pack):		<b>⊠</b> 14
I hereby certify that the information	ation on this form is true ar			e			
Signature		Firm ARCA 126 N	NDIS N. Jefferson St	reet			
		Milyar	aukee WI (41	4) 276-7742			

Department of Natural Resources	ershed/Wastewater Wion/Redevelopment X	aste Management Other	MONITORING WEL Form 4400-113A	L CONSTRUCTION 7/98
Facility/Project Name Madison-Kipp	Local Grid Location of Well N. ft. S.	ft. 🛮 🖔	Well Name GWE-1	
Facility License, Permit or Monitoring Number	Local Grid Origin Lat Lo		Wis. Unique Well Number VN148	DNR Well Numbe
Facility ID 113125320	St. Plane 400212.55 ft. Section Location of Waste/So	N, 2144156.97 ft.E	Date Well Installed 01/09/2014	
Type of Well Extraction Well Well Code/	1/4 of 1/4 of Sec	T N,R 🖫 E.	Well Installed by: Name (first	, last) and Firm
Distance from Waste/ Sourceft. Enf. Stds. Apply □	Location of Well Relative to W Upgradinet Downgradient	☐ Sidegradient	Todd Schmalfeldt Cascade Drilling	
B. Well casing, top elevation 866.63 C. Land surface elevation 867.62	ft. MSL	1. Cap and lo 2. Protective of a. Inside di b. Length:	cover pipe: iameter:	✓ Yes □ No
D. Surface seal, bottom <u>865.62</u> ft MSL or <u>2</u>	ft.	c. Material	:	Steel 🛛 04 Other 🗖
	SP CHC	If yes, de	nal protection? escribe:	□ Yes ☑ No entonite □ 30
13. Sieve analysis attached?  Yes	lo 🐰 🧱	3. Surface sea	ı: and Cement	Concrete 🛛 01 Other 🗖
Hollow Stem Auger 🔲 Other 🔲		4. Material bet		
15. Drilling fluid used: Water □ 0.2 Air □ 0.0 Drilling Mud ☑ 0.3 None □ 0.0 Significant □ 0.0 Drilling additives used? ☑ Yes □ 0.0 Significant □ 0.0 Signi	9   💥 💥	b Lbs/s c Lbs/s	ce seal: a. Granular/Chipped B gal mud weightBentonite-sa gal mud weightBentoni entoniteBentonite-ceme	and slurry 3 5 ite-grout 3 1
Describe Quik Gel  17. Source of Water (attached analysis if required):			olume added for any of the ab d:	
Fire Hydrant (County Water)	— ₩ ₩	6. Bentonite se		Gravity 08 entonite 33
E. Bentonite seal, top 827.62 ft. MSL or 40		b. □1/4 in.	a. Grandiar B  ■ 3/8 in. □1/2 in. bentonit ium Bentonite Hole Plug	te pellets 🛛 32
F. Fine sand, top ft. MSL or	ft.	7. Fine sand Mat	erial: Manufacturer, product name	
G. Filter pack, top <u>812.62</u> ft. MSL or <u>55</u>	ft.		dedft ³	
H. Screen joint, top <u>807.62</u> ft. MSL or <u>60</u>	0.0_ft.	a. 1 <u>11-185′#3</u>	terial: Manufacturer, product nam <u>:0 Red Flint (2,550 lbs); 55-111′#1</u> dedft ³	
I. Well bottom <u>682.62</u> ft. MSL or <u>18</u>	<u>5.0</u> ft.	9. Well casing:	Flush threaded PVC sch	
J. Filter pack, bottom 681.42 ft. MSL or 18	6.2 ft.			Other 🗖
K. Borehole bottom 681.42 ft. MSL or 18	6.2 ft.	10. Screen mate a. Screen typ	pe: Fa	actory cut 🗖 11
L. Borehole diameter12.0in.		•	ous Wrap Stainless Stee	nuous slot 🗖 0 1 L Other 🗖
M. O.D. well casing 8.63 in.		b. Manufactu c. Slot size:	0.010 - 0.02	
N. I.D. well casing 7.96 in.		d. Slotted len Slotted De 11. Backfill mate		ft. to 185' bls None ☐ 14 — Other ☑
I hereby certify that the information on this form is true a	nd correct to the best of my k	nowledge.		<u> </u>
Dalke	126 N. Jeff	erson Street e, WI (414) 276-7742		